

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032522\
 Data File : BP009551.D
 Acq On : 25 Mar 2022 14:20
 Operator : CG/JU
 Sample : PB143541BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB143541BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 26 02:59:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	380689	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	1571098	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	1001853	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1973041	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1571101	20.000	ng	0.00
86) Perylene-d12	23.686	264	1258974	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	3261618	149.586	ng	0.00
7) Phenol-d6	6.963	99	4159139	141.049	ng	0.00
23) Nitrobenzene-d5	8.928	82	2557364	86.500	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1849030	111.843	ng	0.00
45) 2-Fluorobiphenyl	13.039	172	6016540	83.252	ng	0.00
79) Terphenyl-d14	19.757	244	8547400	97.649	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.305	88	309530	35.840	ng	98
3) Pyridine	3.699	79	866850	37.268	ng	98
4) n-Nitrosodimethylamine	3.611	42	425530	49.675	ng	99
6) Aniline	7.104	93	1430468	42.564	ng	97
8) 2-Chlorophenol	7.340	128	1299559	52.268	ng	98
9) Benzaldehyde	6.916	77	601690m	43.276	ng	
10) Phenol	6.987	94	1618123	54.698	ng	98
11) bis(2-Chloroethyl)ether	7.199	93	1164318	49.731	ng	97
12) 1,3-Dichlorobenzene	7.657	146	1286801	45.855	ng	99
13) 1,4-Dichlorobenzene	7.804	146	1313793	45.790	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1275934	46.010	ng	98
15) Benzyl Alcohol	8.016	79	1096042	46.620	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.304	45	1341993	52.879	ng	97
17) 2-Methylphenol	8.228	107	1068720	52.424	ng	99
18) Hexachloroethane	8.846	117	462068	45.953	ng	94
19) n-Nitroso-di-n-propyla...	8.587	70	925373	49.616	ng	97
20) 3+4-Methylphenols	8.557	107	1447366	51.635	ng	99
22) Acetophenone	8.598	105	1781325	45.809	ng	# 98
24) Nitrobenzene	8.969	77	1354631	48.503	ng	98
25) Isophorone	9.504	82	2580865	51.177	ng	99
26) 2-Nitrophenol	9.681	139	692689	47.582	ng	95
27) 2,4-Dimethylphenol	9.757	122	1201046	58.468	ng	99
28) bis(2-Chloroethoxy)met...	9.981	93	1576589	48.014	ng	99
29) 2,4-Dichlorophenol	10.222	162	1250273	49.898	ng	98
30) 1,2,4-Trichlorobenzene	10.428	180	1278958	44.056	ng	99
31) Naphthalene	10.610	128	3725588	46.036	ng	100
32) Benzoic acid	9.963	122	790686	49.232	ng	96
33) 4-Chloroaniline	10.734	127	539245	16.329	ng	97
34) Hexachlorobutadiene	10.904	225	812148	41.289	ng	99
35) Caprolactam	11.540	113	379564m	44.885	ng	
36) 4-Chloro-3-methylphenol	11.875	107	1271916	47.239	ng	99
37) 2-Methylnaphthalene	12.228	142	2657258	46.798	ng	99
38) 1-Methylnaphthalene	12.451	142	2543710	45.986	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1496065	45.007	ng	99
41) Hexachlorocyclopentadiene	12.587	237	1463215	99.200	ng	99
43) 2,4,6-Trichlorophenol	12.851	196	1007326	45.720	ng	99

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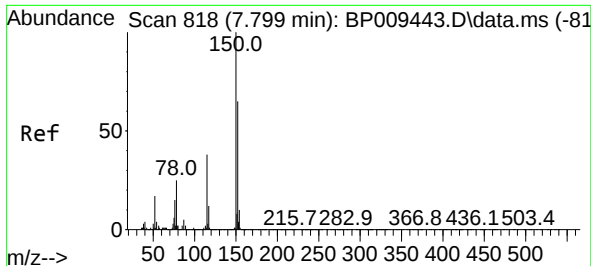
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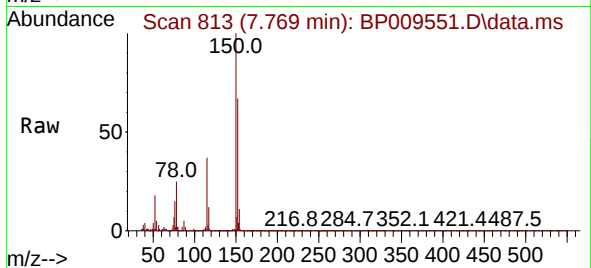
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	1091789	45.632	ng	97
46) 1,1'-Biphenyl	13.245	154	3452286	46.191	ng	99
47) 2-Chloronaphthalene	13.286	162	2674274	45.448	ng	99
48) 2-Nitroaniline	13.498	65	755289	47.128	ng	98
49) Acenaphthylene	14.134	152	4433040	48.802	ng	99
50) Dimethylphthalate	13.886	163	3371635	44.414	ng	100
51) 2,6-Dinitrotoluene	13.998	165	754955	47.465	ng	98
52) Acenaphthene	14.481	154	2487321	45.839	ng	99
53) 3-Nitroaniline	14.328	138	365327	21.746	ng	97
54) 2,4-Dinitrophenol	14.545	184	819138	82.717	ng	99
55) Dibenzofuran	14.816	168	4013404	44.026	ng	99
56) 4-Nitrophenol	14.663	139	1142577	91.240	ng	98
57) 2,4-Dinitrotoluene	14.798	165	1003473	45.883	ng	97
58) Fluorene	15.469	166	3132922	43.698	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.057	232	930545	42.901	ng	94
60) Diethylphthalate	15.251	149	3322172	43.726	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1688276	42.748	ng	95
62) 4-Nitroaniline	15.504	138	708481	40.156	ng	98
63) Azobenzene	15.763	77	3079087	46.587	ng	97
65) 4,6-Dinitro-2-methylph...	15.569	198	557581	43.948	ng	94
66) n-Nitrosodiphenylamine	15.686	169	2841103	48.659	ng	98
67) 4-Bromophenyl-phenylether	16.369	248	1107499	45.872	ng	93
68) Hexachlorobenzene	16.486	284	1252141	45.063	ng	97
69) Atrazine	16.651	200	1048016	51.052	ng	98
70) Pentachlorophenol	16.839	266	1423251	95.819	ng	99
71) Phenanthrene	17.222	178	4916194	46.547	ng	100
72) Anthracene	17.316	178	4992997	47.881	ng	99
73) Carbazole	17.592	167	4459719	43.730	ng	99
74) Di-n-butylphthalate	18.151	149	5487824	45.921	ng	99
75) Fluoranthene	19.204	202	5550747	43.411	ng	99
77) Benzidine	19.386	184	1984377	51.529	ng	100
78) Pyrene	19.557	202	5588629	53.981	ng	99
80) Butylbenzylphthalate	20.445	149	2182364	49.595	ng	95
81) Benzo(a)anthracene	21.280	228	4873424	47.214	ng	100
82) 3,3'-Dichlorobenzidine	21.215	252	1127728	28.281	ng	98
83) Chrysene	21.333	228	4524569	46.292	ng	100
84) Bis(2-ethylhexyl)phtha...	21.215	149	3072333	50.091	ng	99
85) Di-n-octyl phthalate	22.133	149	4746286	44.894	ng	98
87) Indeno(1,2,3-cd)pyrene	26.180	276	3846949	40.276	ng	97
88) Benzo(b)fluoranthene	22.957	252	4016944	53.447	ng	98
89) Benzo(k)fluoranthene	23.009	252	4064317	55.232	ng	98
90) Benzo(a)pyrene	23.580	252	3740865	58.176	ng	98
91) Dibenzo(a,h)anthracene	26.192	278	3382154	42.487	ng	98
92) Benzo(g,h,i)perylene	26.939	276	3336640	42.607	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

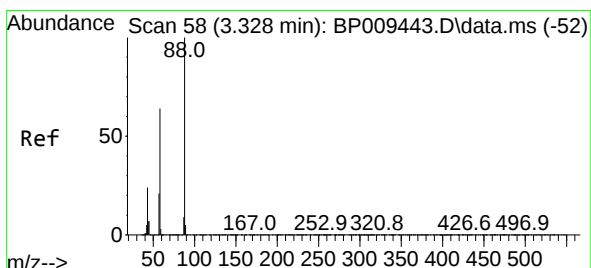
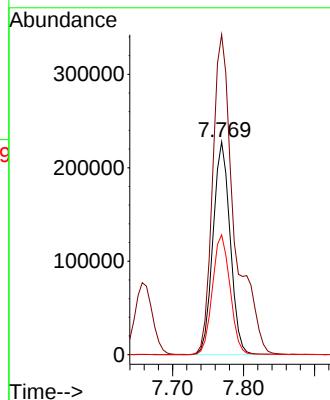
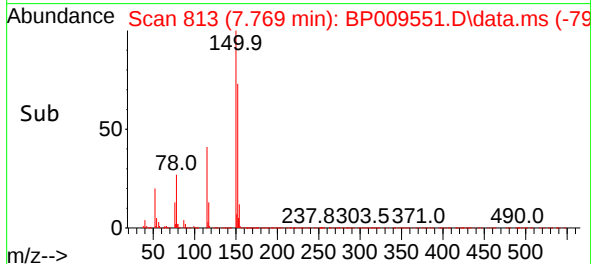
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:152 Resp: 380689
Ion Ratio Lower Upper
152 100
150 150.4 124.5 186.7
115 56.3 48.2 72.4

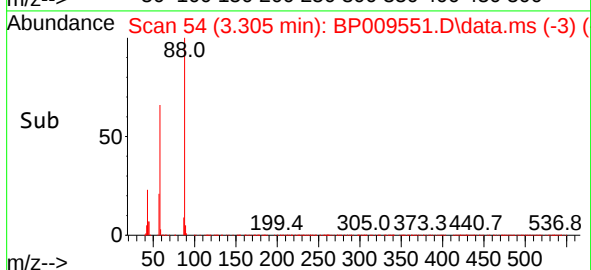
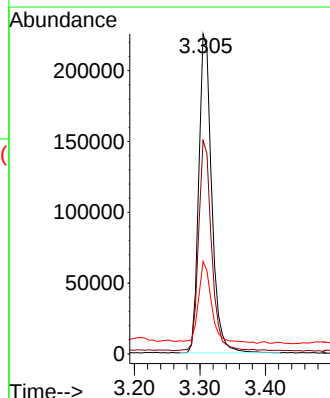
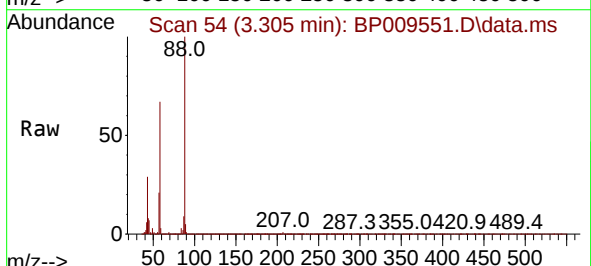
Manual Integrations
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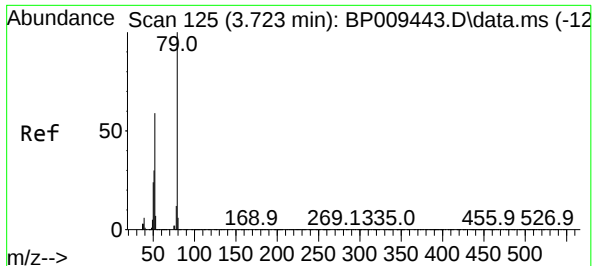
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#2
1,4-Dioxane
Concen: 35.840 ng
RT: 3.305 min Scan# 54
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion: 88 Resp: 309530
Ion Ratio Lower Upper
88 100
58 65.8 54.2 81.2
43 26.2 20.4 30.6





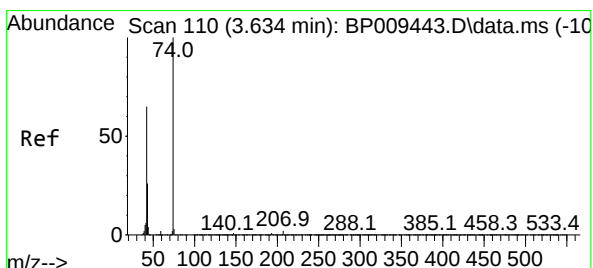
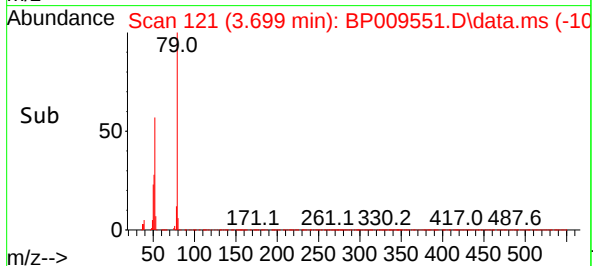
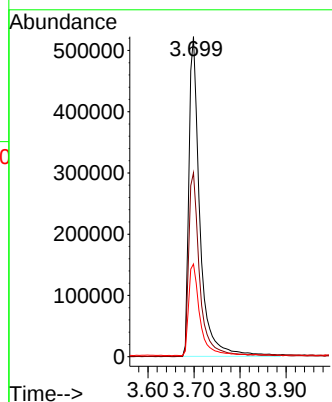
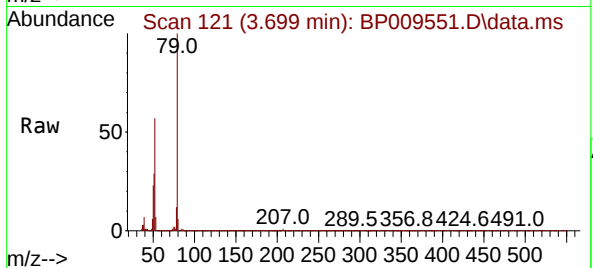
#3
Pyridine
Concen: 37.268 ng
RT: 3.699 min Scan# 110
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
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ClientSampleId :
PB143541BS

Tgt Ion: 79 Resp: 866850
Ion Ratio Lower Upper
79 100
52 57.5 47.5 71.3
51 28.9 24.1 36.1

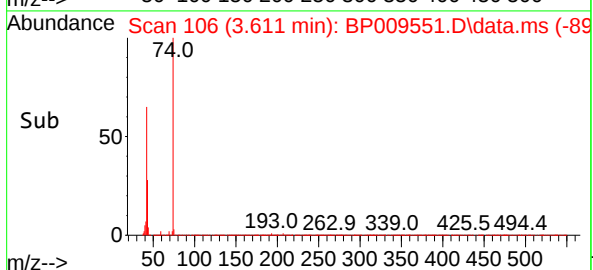
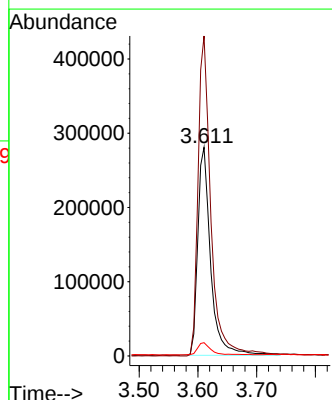
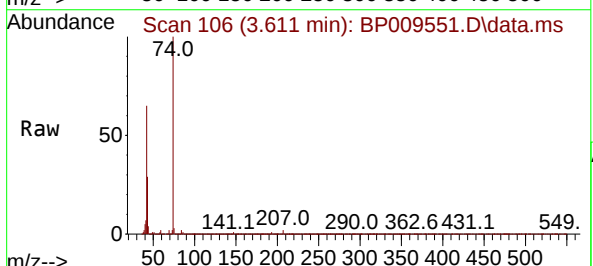
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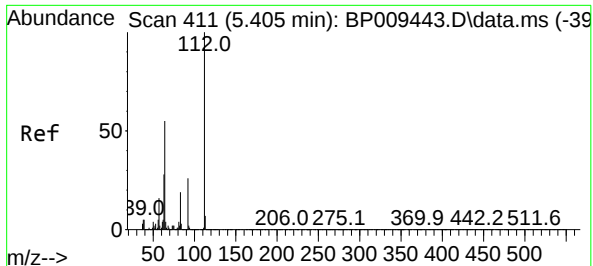
Reviewed By :Christian Giraldo 03/28/2022
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#4
n-Nitrosodimethylamine
Concen: 49.675 ng
RT: 3.611 min Scan# 106
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

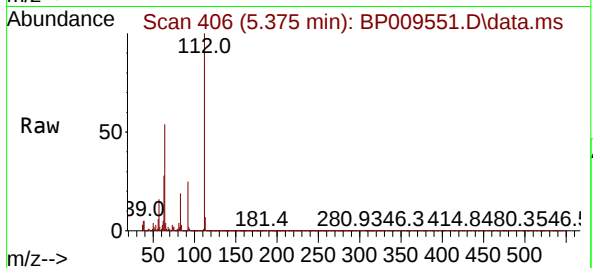
Tgt Ion: 42 Resp: 425530
Ion Ratio Lower Upper
42 100
74 153.4 122.1 183.1
44 6.3 5.8 8.8





#5
2-Fluorophenol
Concen: 149.586 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

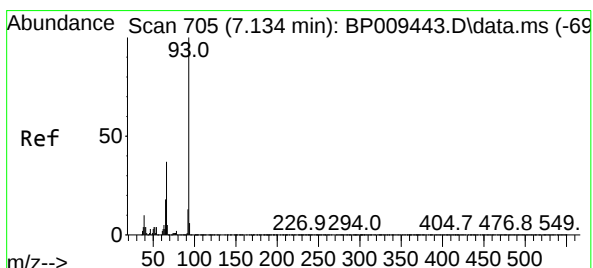
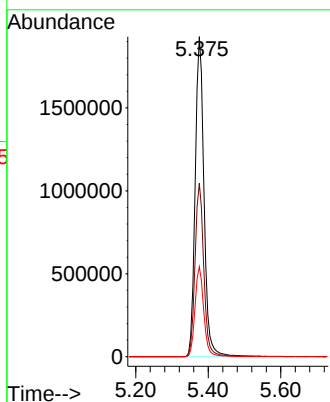
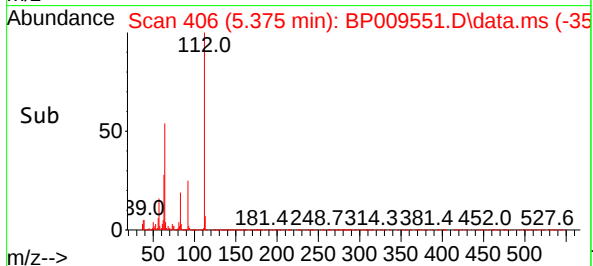
Instrument :
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Tgt Ion: 112 Resp: 3261618
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 28.1 23.0 34.6

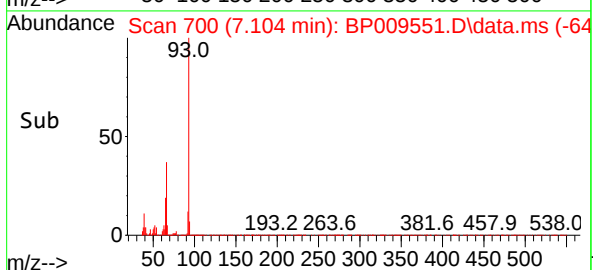
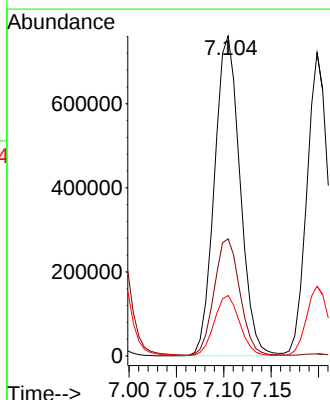
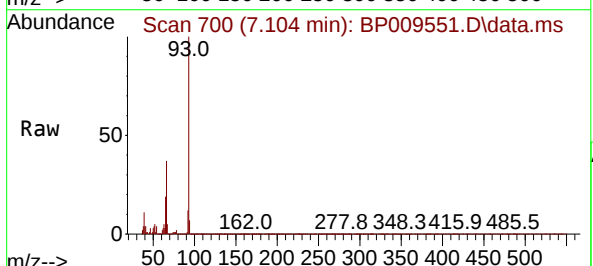
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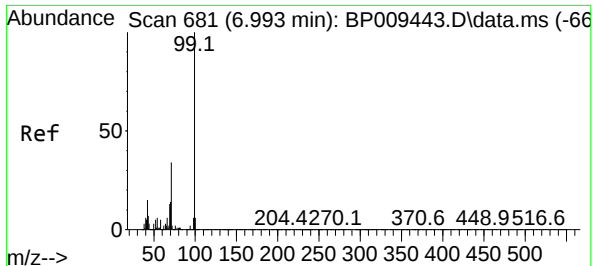
Reviewed By :Christian Giraldo 03/28/2022
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#6
Aniline
Concen: 42.564 ng
RT: 7.104 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

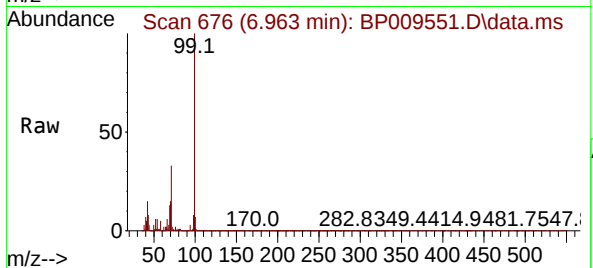
Tgt Ion: 93 Resp: 1430468
Ion Ratio Lower Upper
93 100
66 36.6 30.9 46.3
65 18.9 15.8 23.8





#7
Phenol-d6
Concen: 141.049 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

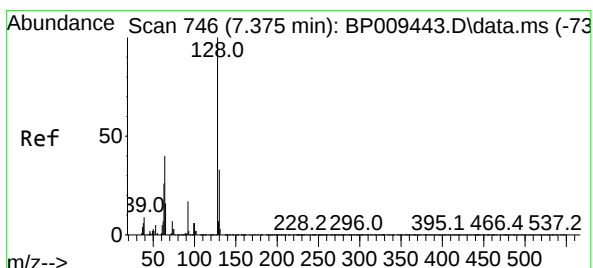
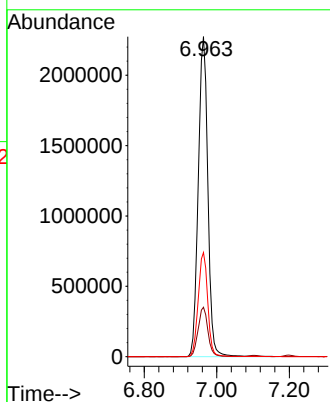
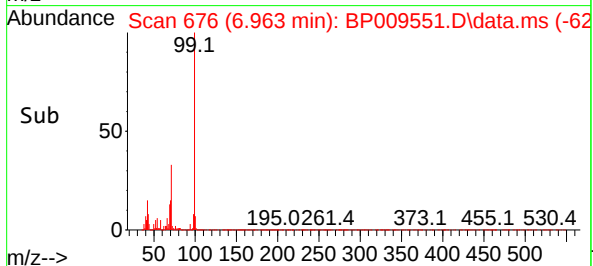
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 4159139
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.5 26.3 39.5

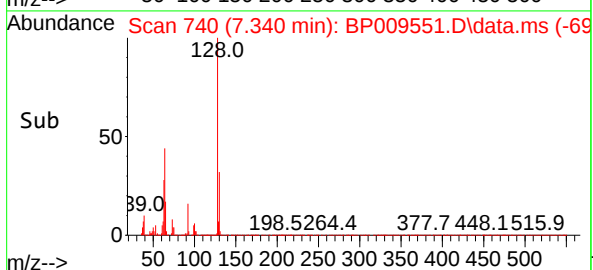
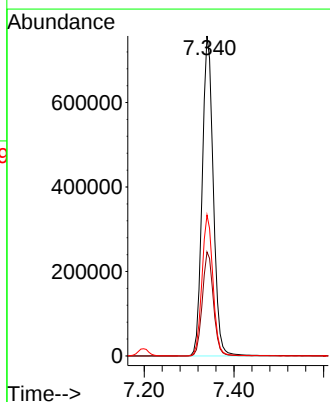
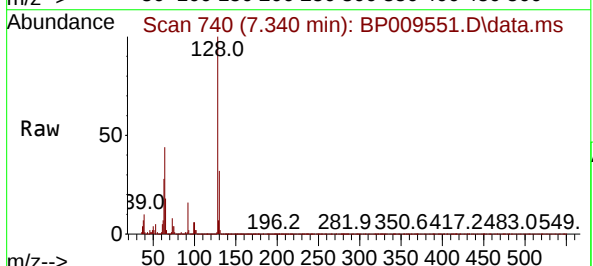
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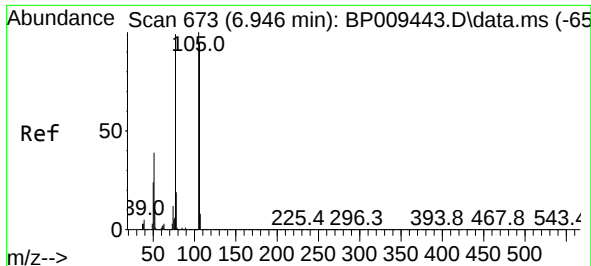
Reviewed By :Christian Giraldo 03/28/2022
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#8
2-Chlorophenol
Concen: 52.268 ng
RT: 7.340 min Scan# 740
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

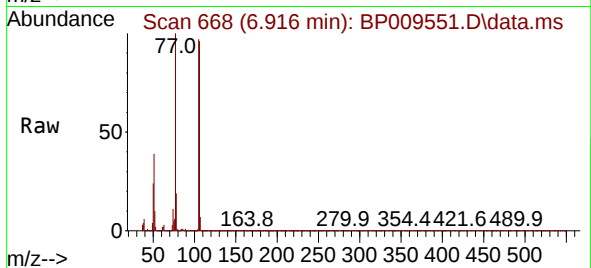
Tgt Ion:128 Resp: 1299559
Ion Ratio Lower Upper
128 100
130 32.5 12.5 52.5
64 44.1 26.2 66.2





#9
Benzaldehyde
Concen: 43.276 ng m
RT: 6.916 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

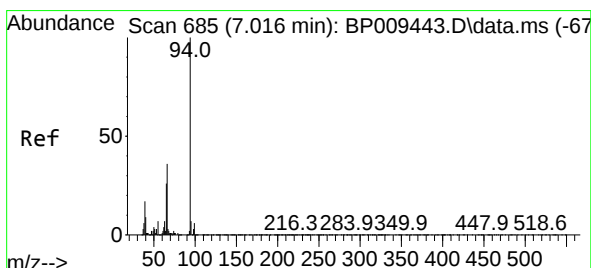
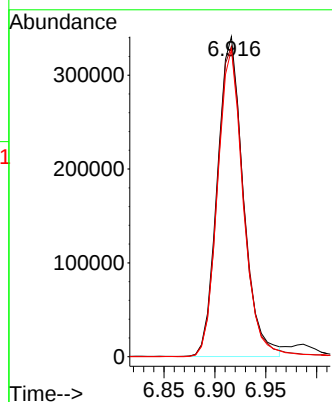
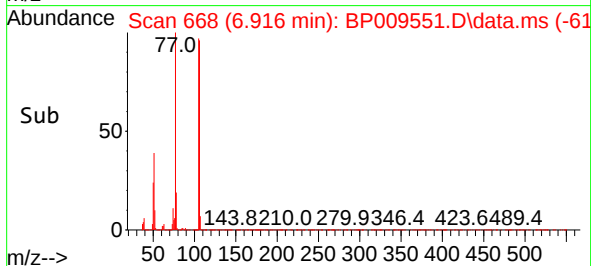
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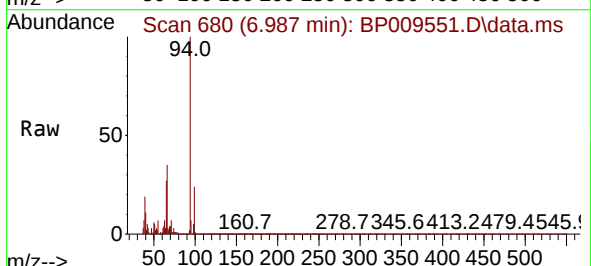
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Ion Ratio Lower Upper
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105 96.9 75.2 115.2
106 96.1 72.3 112.3

Manual Integrations
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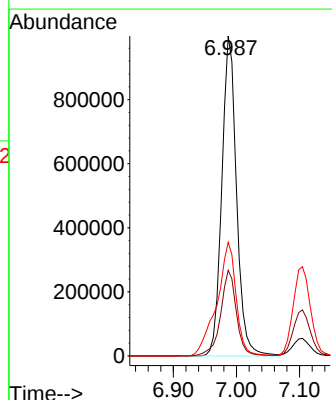
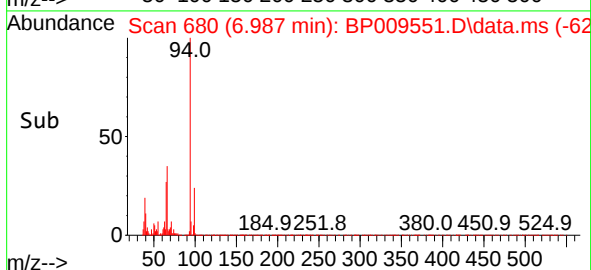
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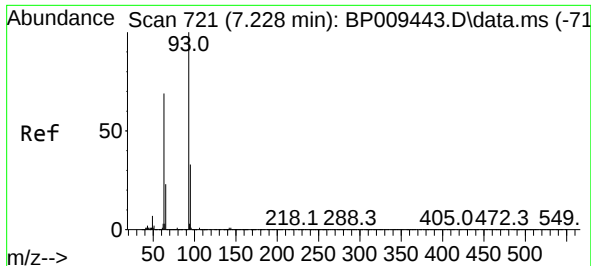


#10
Phenol
Concen: 54.698 ng
RT: 6.987 min Scan# 680
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



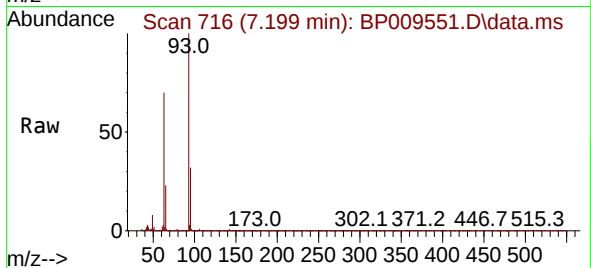
Tgt Ion: 94 Resp: 1618123
Ion Ratio Lower Upper
94 100
65 26.8 7.2 47.2
66 35.5 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 49.731 ng
RT: 7.199 min Scan# 716
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

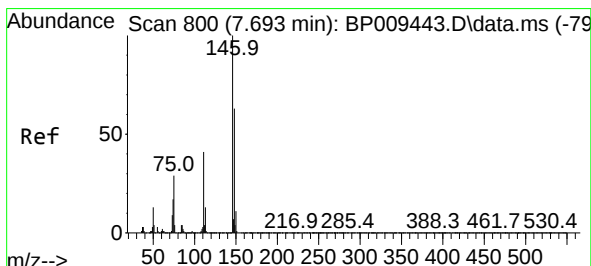
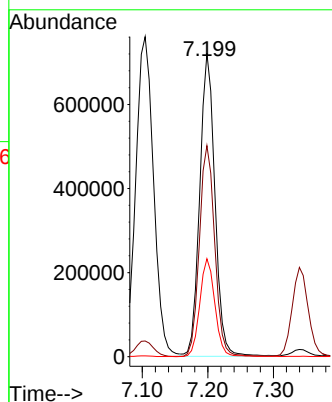
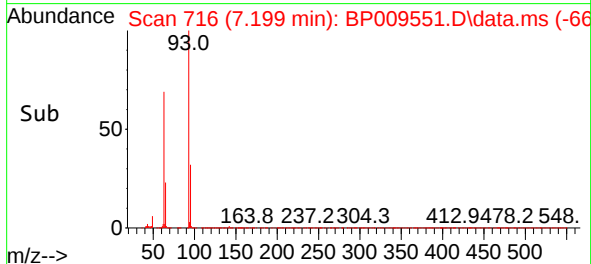
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion: 93 Resp: 1164318
Ion Ratio Lower Upper
93 100
63 69.6 53.5 93.5
95 32.3 12.0 52.0

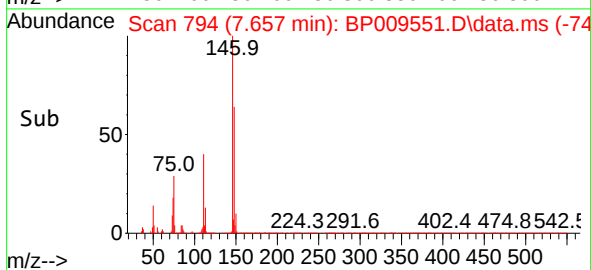
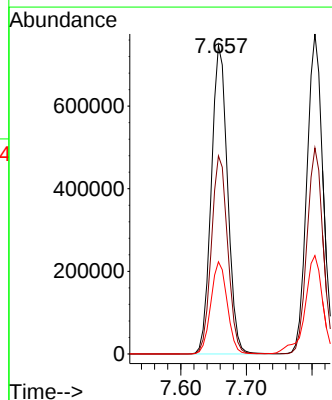
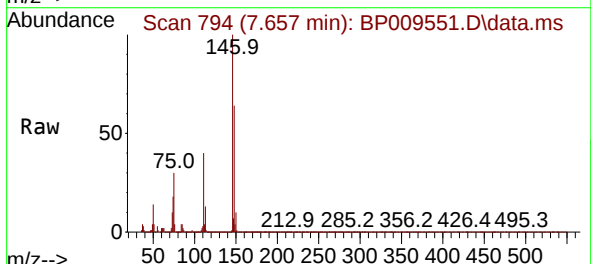
Manual Integrations
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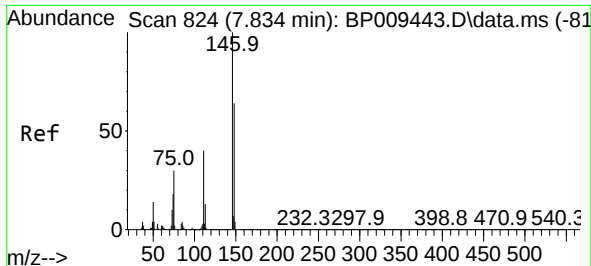
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#12
1,3-Dichlorobenzene
Concen: 45.855 ng
RT: 7.657 min Scan# 794
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:146 Resp: 1286801
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.0
75 29.9 25.3 37.9





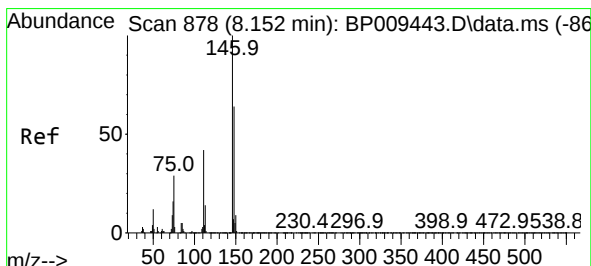
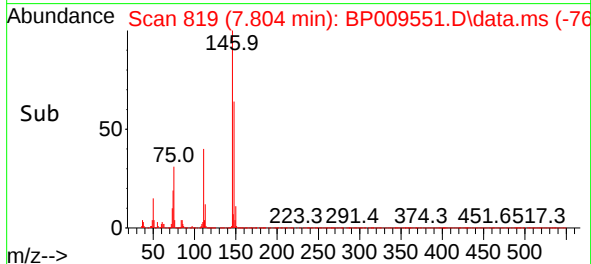
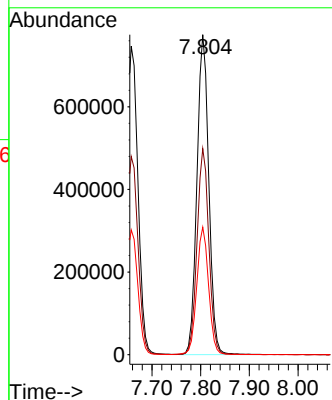
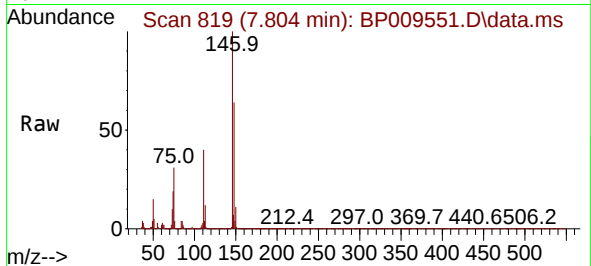
#13
1,4-Dichlorobenzene
Concen: 45.790 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:146 Resp: 131379
Ion Ratio Lower Upper
146 100
148 64.4 51.1 76.7
111 39.9 32.1 48.1

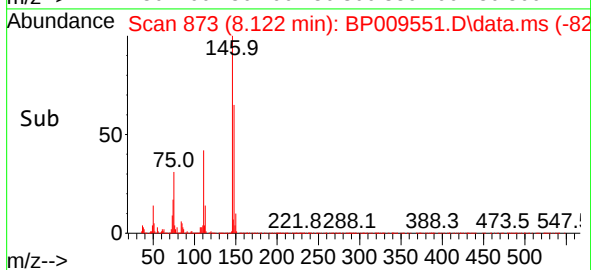
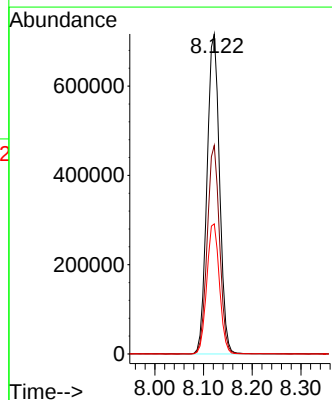
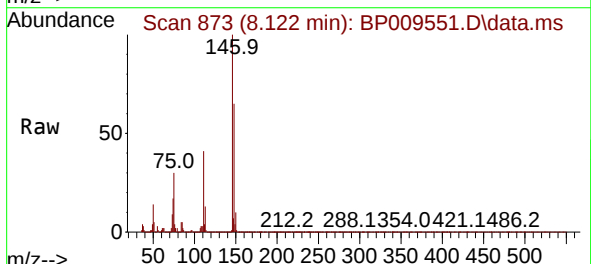
Manual Integrations
APPROVED

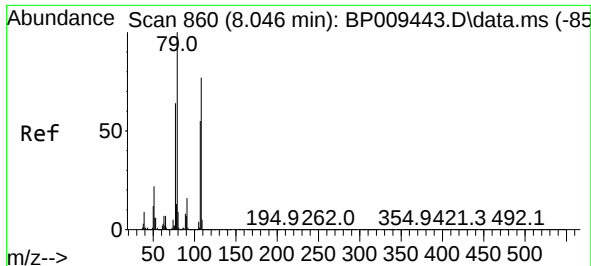
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#14
1,2-Dichlorobenzene
Concen: 46.010 ng
RT: 8.122 min Scan# 873
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:146 Resp: 1275934
Ion Ratio Lower Upper
146 100
148 65.2 50.9 76.3
111 40.7 34.1 51.1





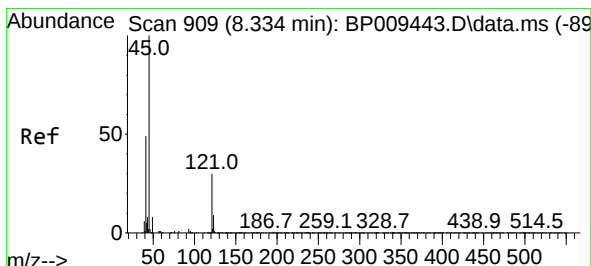
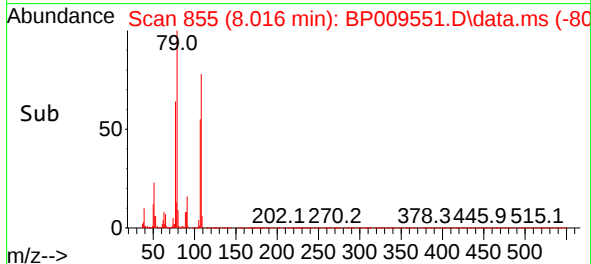
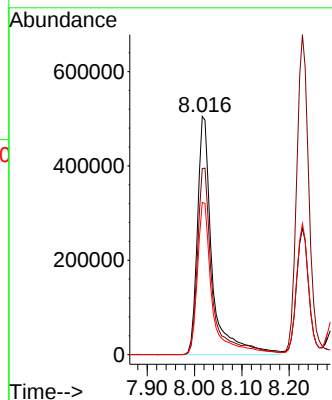
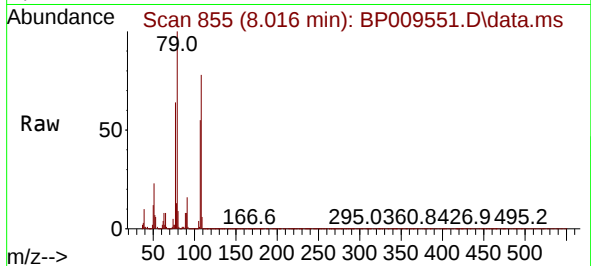
#15
Benzyl Alcohol
Concen: 46.620 ng
RT: 8.016 min Scan# 801
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion: 79 Resp: 109604
Ion Ratio Lower Upper
79 100
108 78.1 62.5 93.7
77 64.0 51.7 77.5

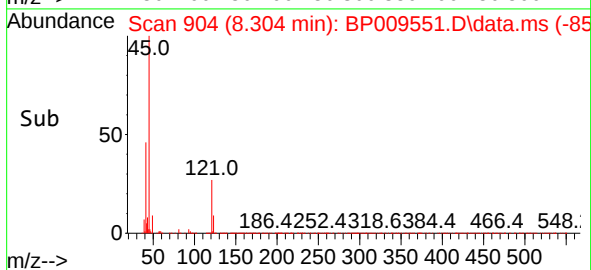
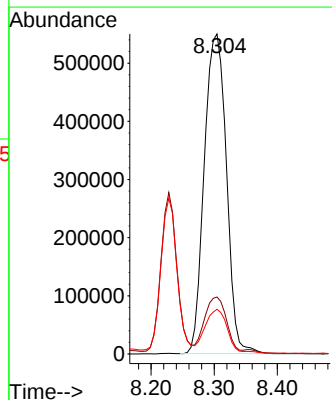
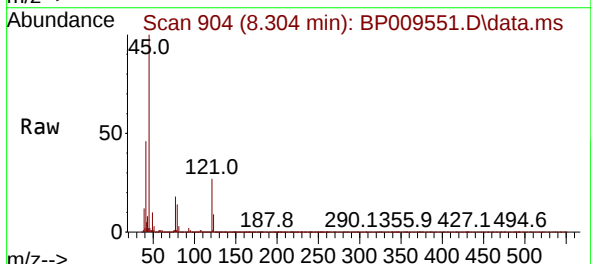
Manual Integrations
APPROVED

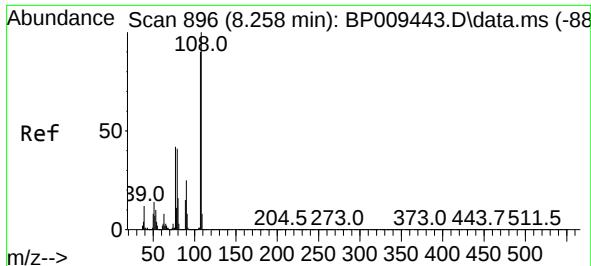
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.879 ng
RT: 8.304 min Scan# 904
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

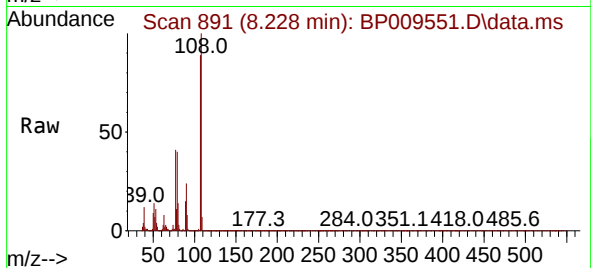
Tgt Ion: 45 Resp: 1341993
Ion Ratio Lower Upper
45 100
77 17.8 0.0 36.5
79 14.0 0.0 32.4





#17
2-Methylphenol
Concen: 52.424 ng
RT: 8.228 min Scan# 896
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

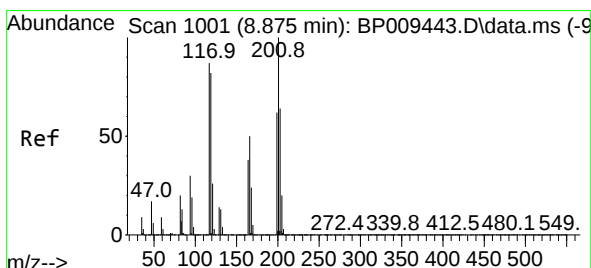
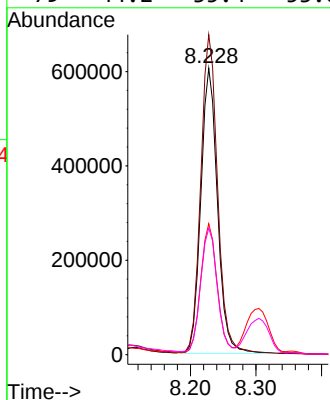
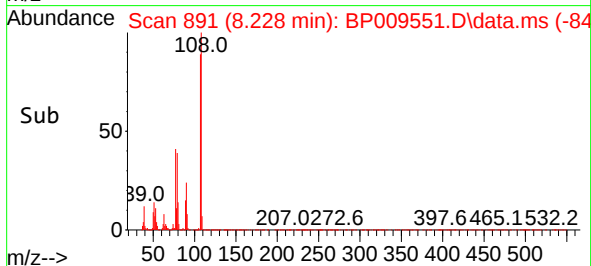
Instrument :
BNA_P
ClientSampleId :
PB143541BS



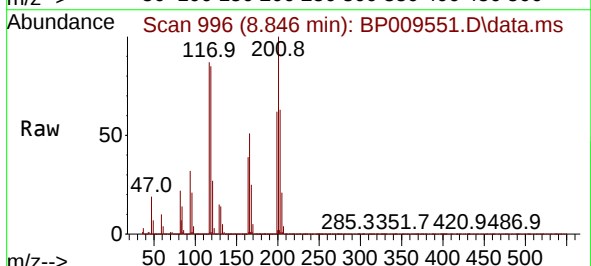
Tgt Ion:107 Resp: 1068720
Ion Ratio Lower Upper
107 100
108 111.8 90.2 135.2
77 45.8 36.3 54.5
79 44.2 35.4 53.0

Manual Integrations
APPROVED

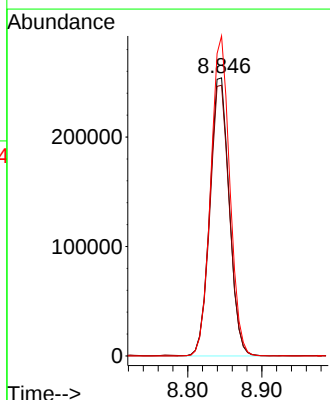
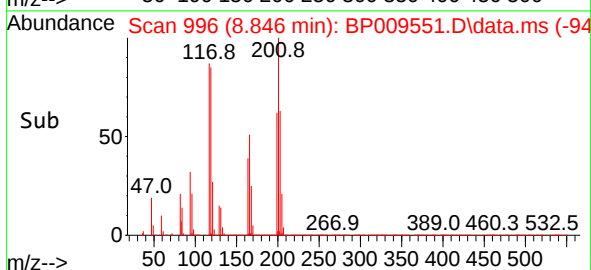
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

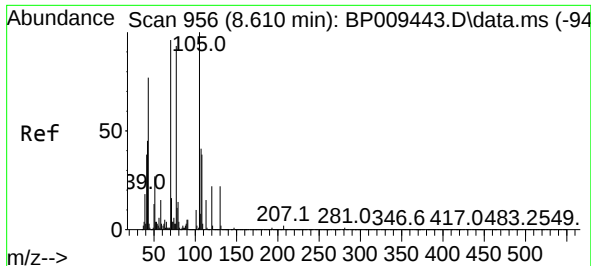


#18
Hexachloroethane
Concen: 45.953 ng
RT: 8.846 min Scan# 996
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



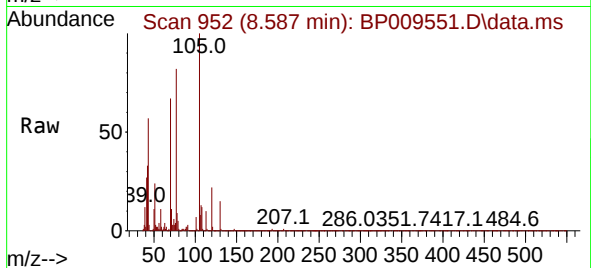
Tgt Ion:117 Resp: 462068
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
201 115.1 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 49.616 ng
RT: 8.587 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

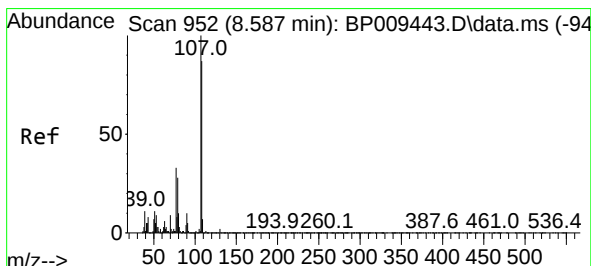
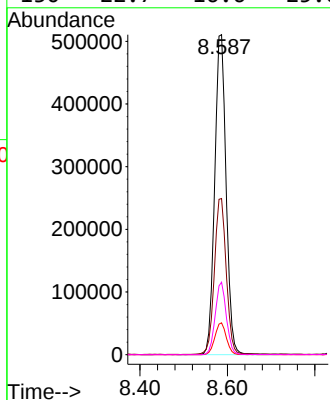
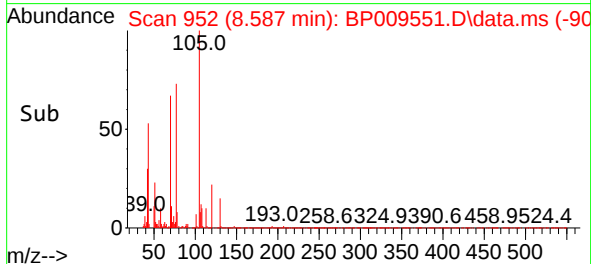
Instrument :
BNA_P
Client Sample Id :
PB143541BS



Tgt Ion: 70 Resp: 92537
Ion Ratio Lower Upper
70 100
42 48.8 41.0 61.4
101 10.0 7.9 11.9
130 22.7 16.6 25.0

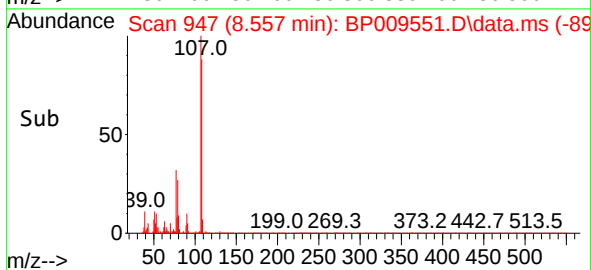
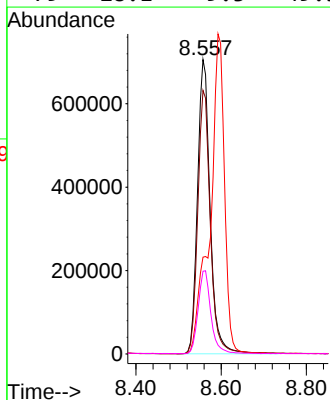
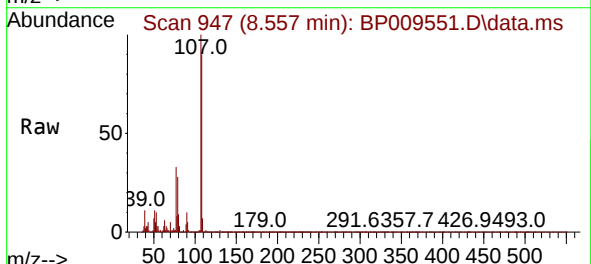
Manual Integrations
APPROVED

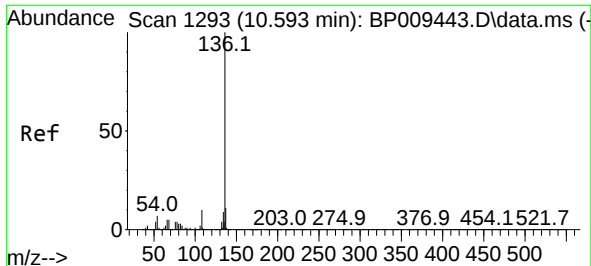
Reviewed By : Christian Giraldo 03/28/2022
Supervised By : Jagrut Upadhyay 03/28/2022



#20
3+4-Methylphenols
Concen: 51.635 ng
RT: 8.557 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

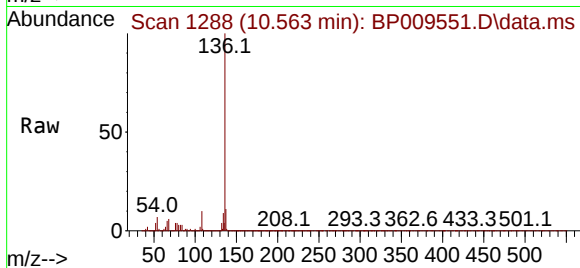
Tgt Ion: 107 Resp: 1447366
Ion Ratio Lower Upper
107 100
108 89.6 69.4 109.4
77 32.9 13.6 53.6
79 28.1 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

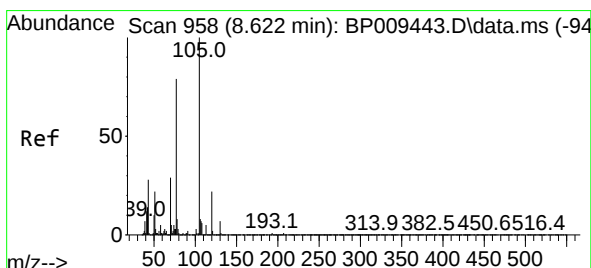
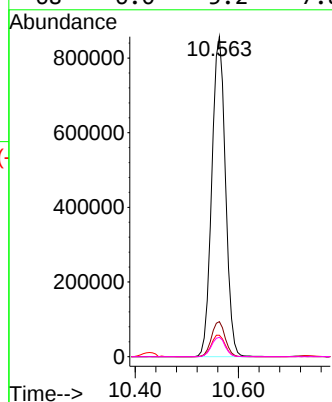
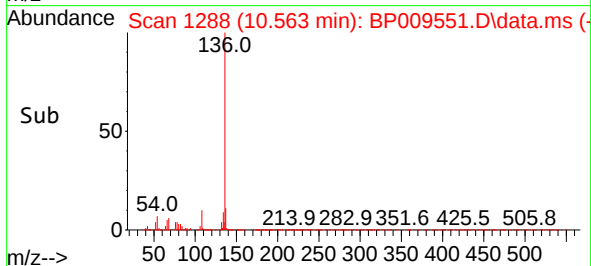
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:136 Resp: 1571098
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.7 5.8 8.8
68 6.0 5.2 7.8

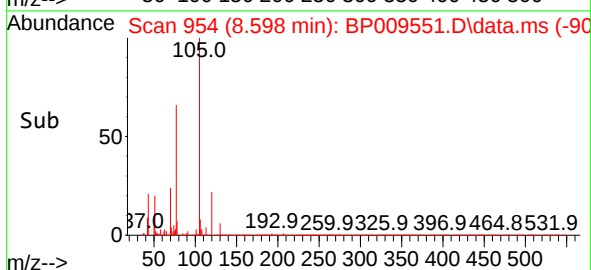
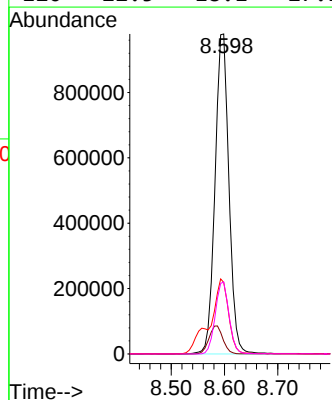
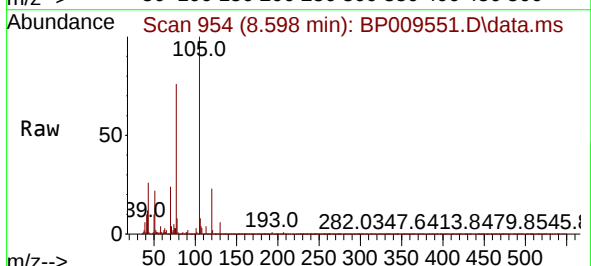
Manual Integrations
APPROVED

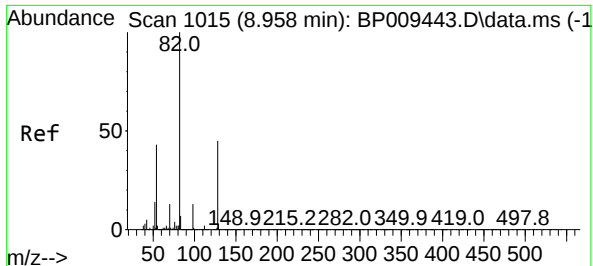
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#22
Acetophenone
Concen: 45.809 ng
RT: 8.598 min Scan# 954
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:105 Resp: 1781325
Ion Ratio Lower Upper
105 100
71 4.0 5.5 8.3#
51 22.4 18.9 28.3
120 22.5 18.1 27.1





#23

Nitrobenzene-d5

Concen: 86.500 ng

RT: 8.928 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion: 82 Resp: 255736

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.4

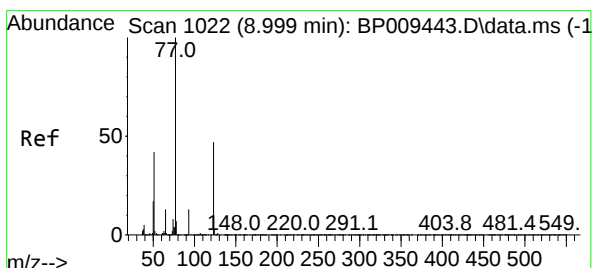
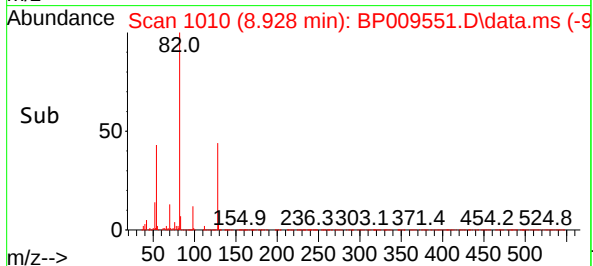
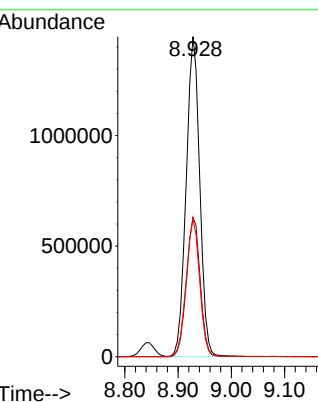
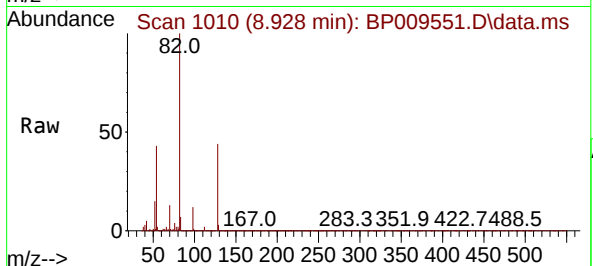
54 43.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#24

Nitrobenzene

Concen: 48.503 ng

RT: 8.969 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

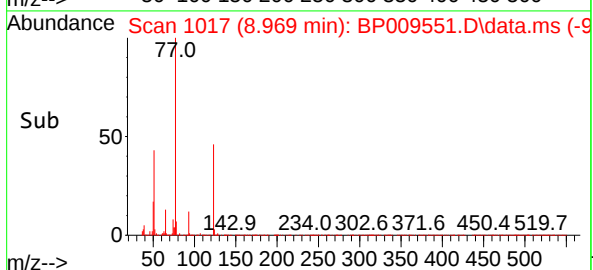
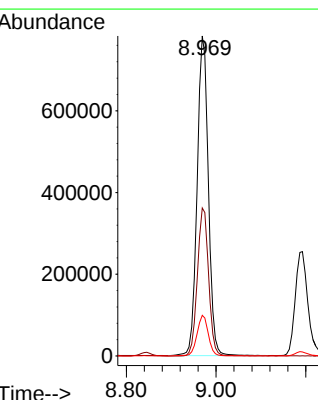
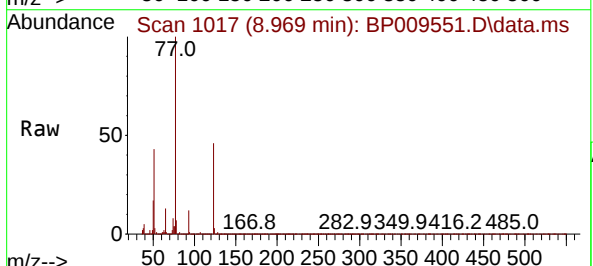
Tgt Ion: 77 Resp: 1354631

Ion Ratio Lower Upper

77 100

123 46.2 35.5 53.3

65 12.7 10.3 15.5





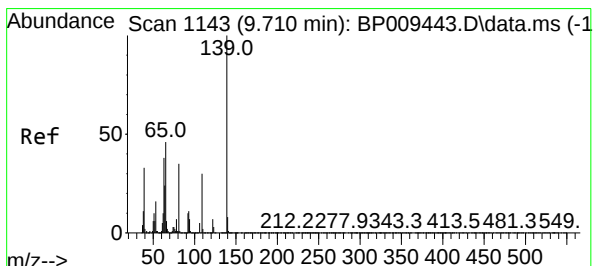
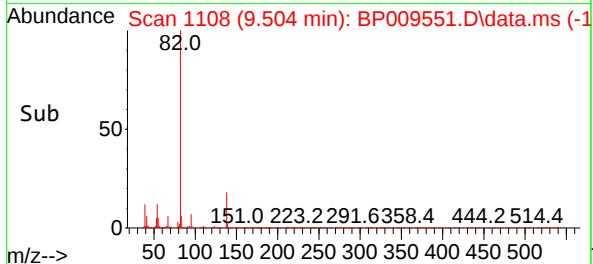
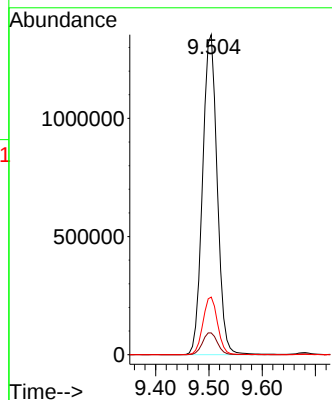
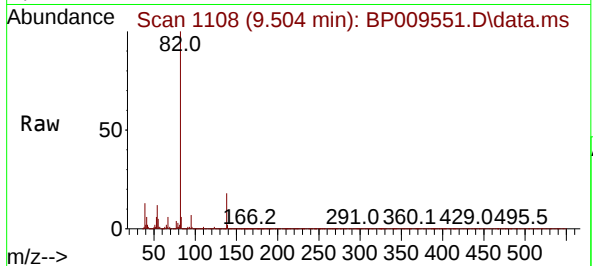
#25
Isophorone
Concen: 51.177 ng
RT: 9.504 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion: 82 Resp: 258086
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 13.8 20.8

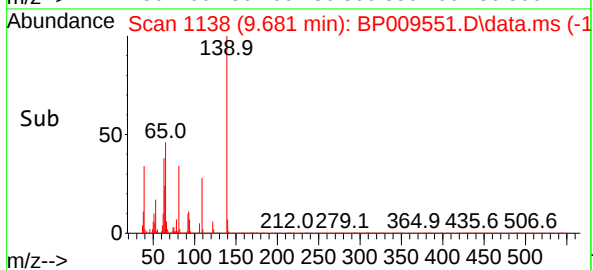
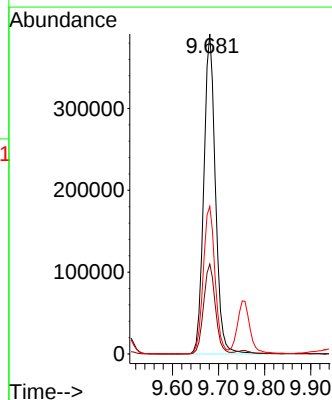
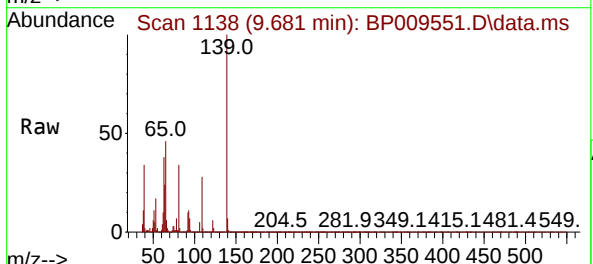
Manual Integrations
APPROVED

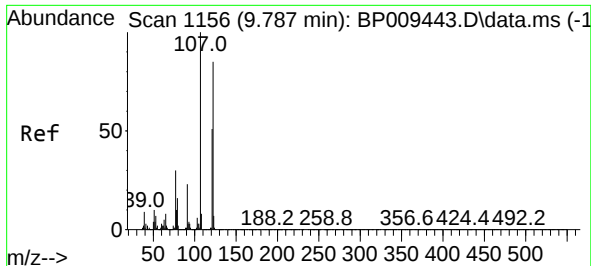
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#26
2-Nitrophenol
Concen: 47.582 ng
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:139 Resp: 692689
Ion Ratio Lower Upper
139 100
109 28.1 23.4 35.0
65 46.1 41.0 61.6





#27

2,4-Dimethylphenol

Concen: 58.468 ng

RT: 9.757 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion:122 Resp: 1201040

Ion Ratio Lower Upper

122 100

107 114.6 92.6 138.8

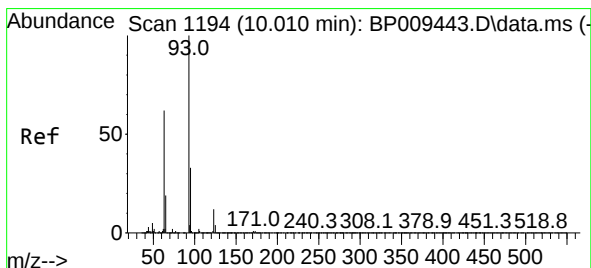
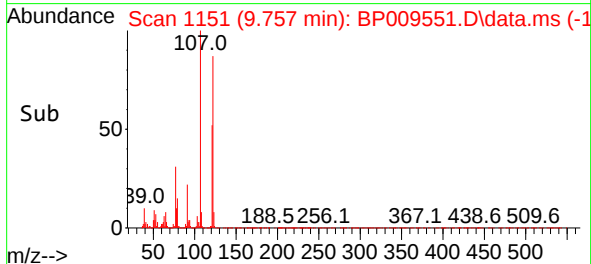
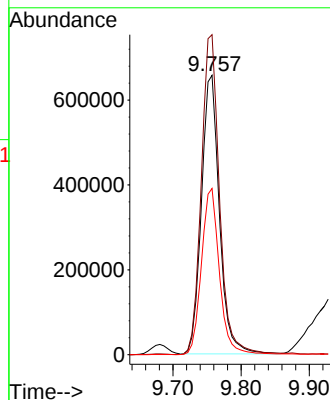
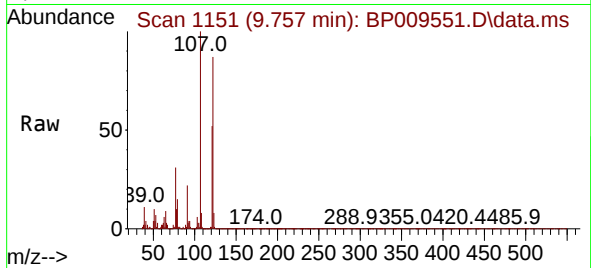
121 59.5 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 48.014 ng

RT: 9.981 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

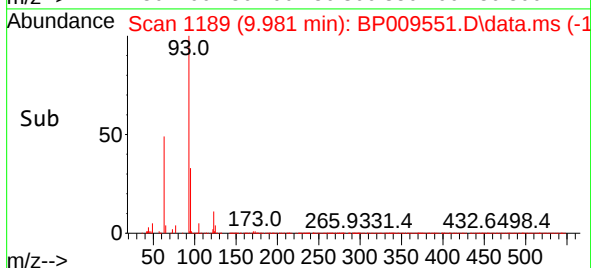
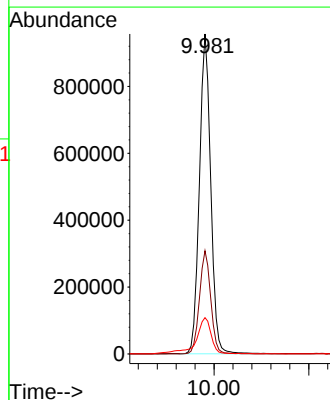
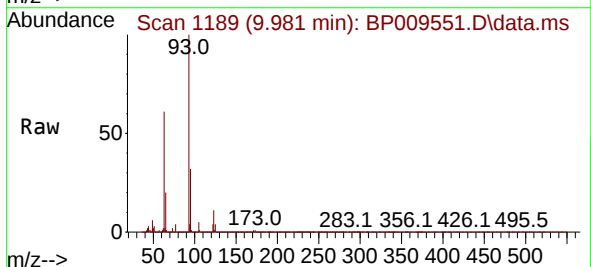
Tgt Ion: 93 Resp: 1576589

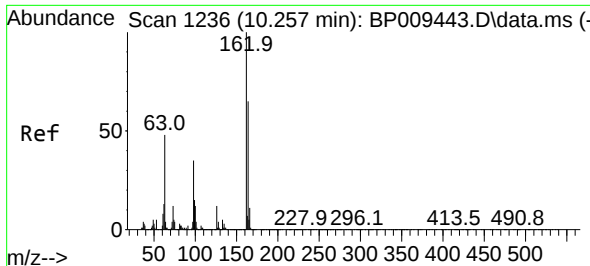
Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

123 11.3 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 49.898 ng
RT: 10.222 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

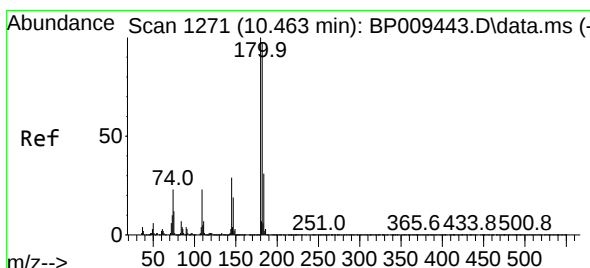
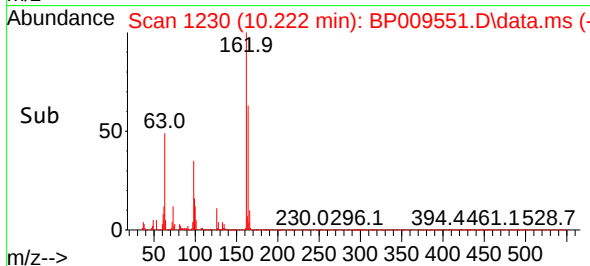
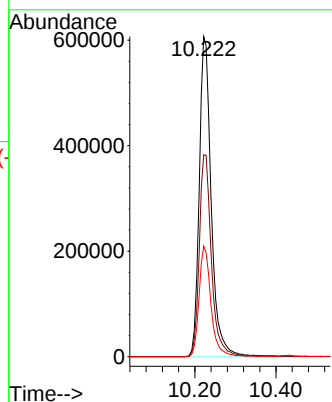
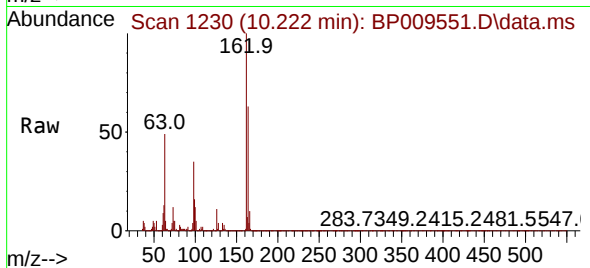
ClientSampleId :

PB143541BS

Tgt Ion:162 Resp: 125027
Ion Ratio Lower Upper
162 100
164 63.1 44.3 84.3
98 34.6 15.6 55.6

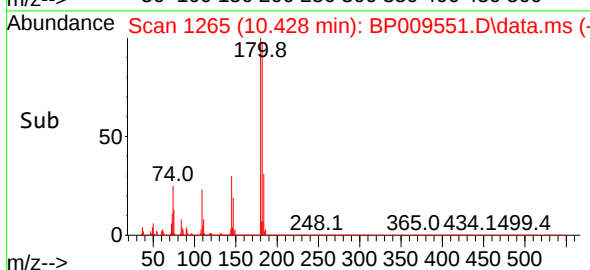
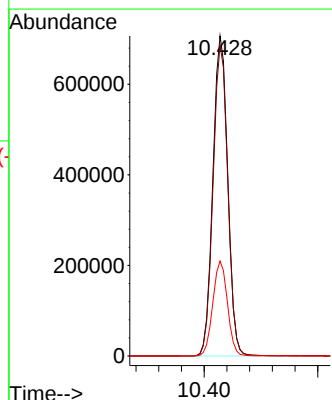
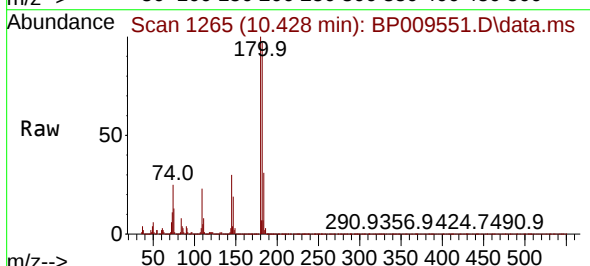
Manual Integrations
APPROVED

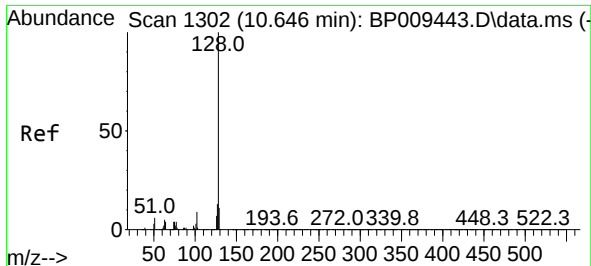
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#30
1,2,4-Trichlorobenzene
Concen: 44.056 ng
RT: 10.428 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

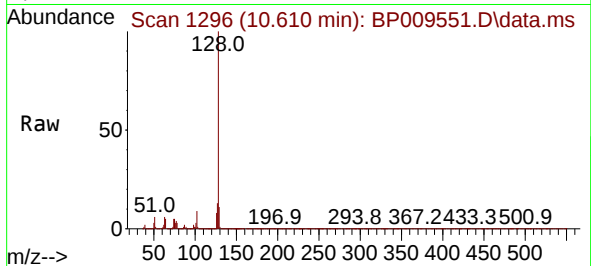
Tgt Ion:180 Resp: 1278958
Ion Ratio Lower Upper
180 100
182 97.1 76.4 114.6
145 29.7 23.8 35.6





#31
Naphthalene
Concen: 46.036 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

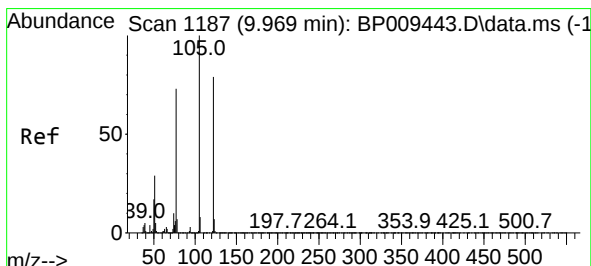
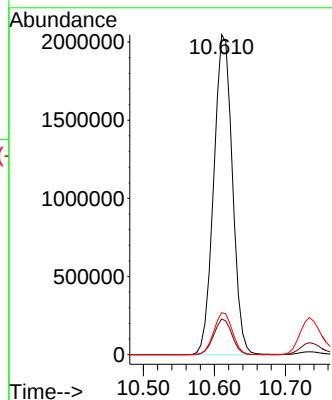
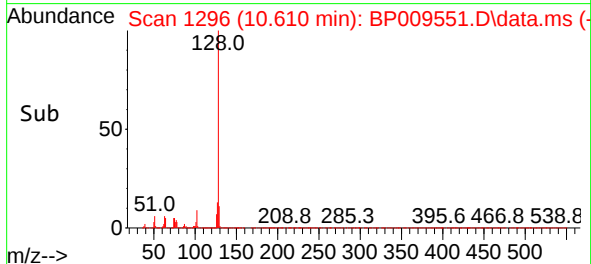
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:128 Resp: 372558
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.1 10.5 15.7

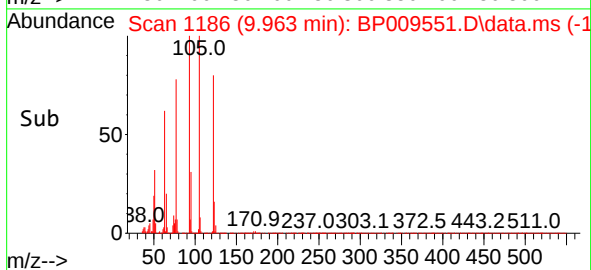
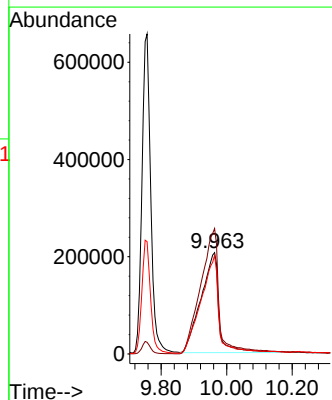
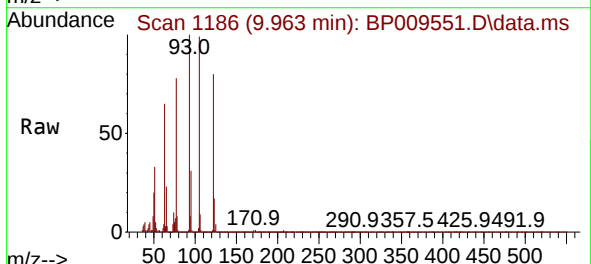
Manual Integrations
APPROVED

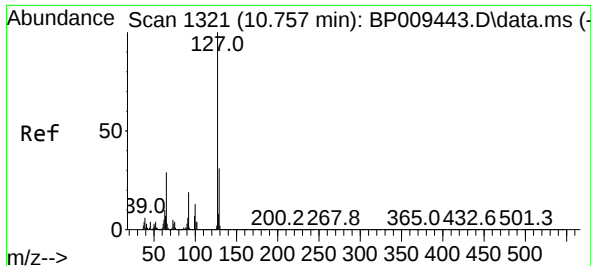
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#32
Benzoic acid
Concen: 49.232 ng
RT: 9.963 min Scan# 1186
Delta R.T. 0.011 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:122 Resp: 790686
Ion Ratio Lower Upper
122 100
105 123.8 110.5 150.5
77 97.5 79.9 119.9





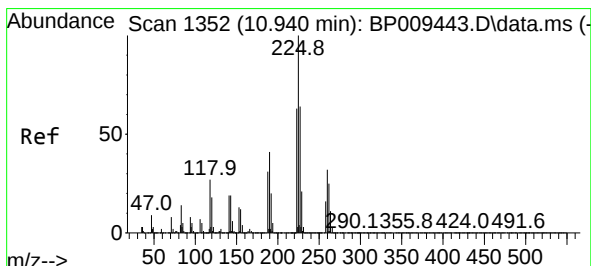
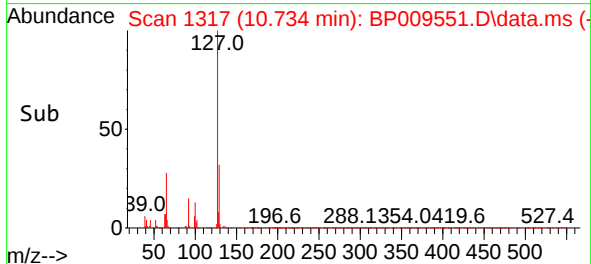
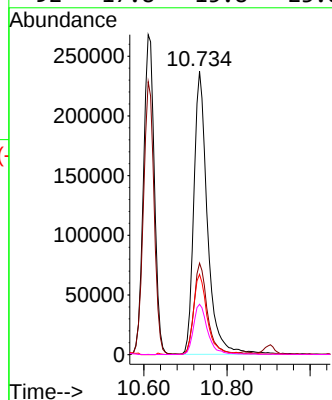
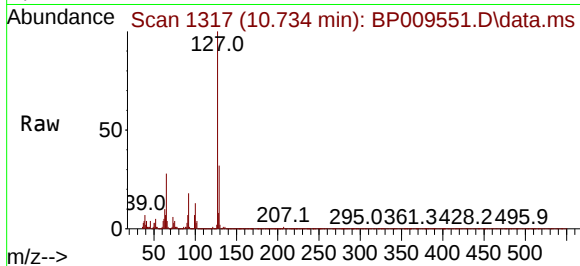
#33
4-Chloroaniline
Concen: 16.329 ng
RT: 10.734 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:	127	Resp:	53924
Ion Ratio	Lower	Upper	
127	100		
129	32.3	25.5	38.3
65	28.3	24.3	36.5
92	17.8	15.8	23.8

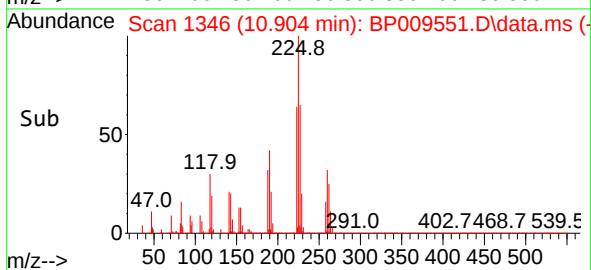
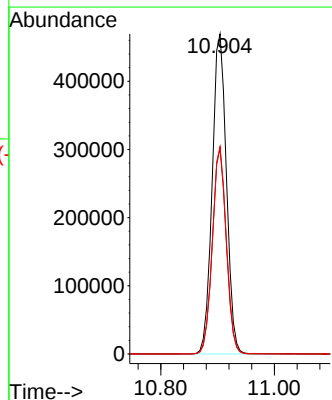
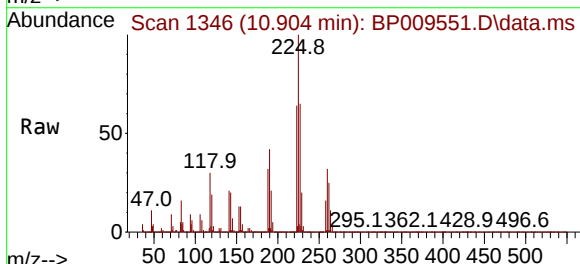
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#34
Hexachlorobutadiene
Concen: 41.289 ng
RT: 10.904 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

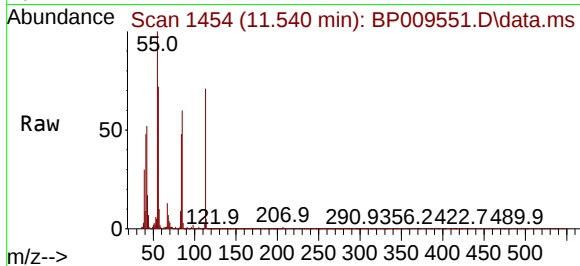
Tgt Ion:	225	Resp:	812148
Ion Ratio	Lower	Upper	
225	100		
223	64.3	50.5	75.7
227	64.8	51.2	76.8





#35
Caprolactam
Concen: 44.885 ng m
RT: 11.540 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

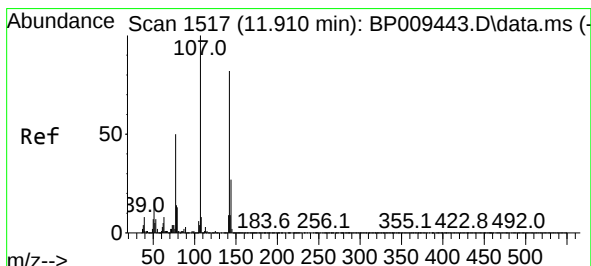
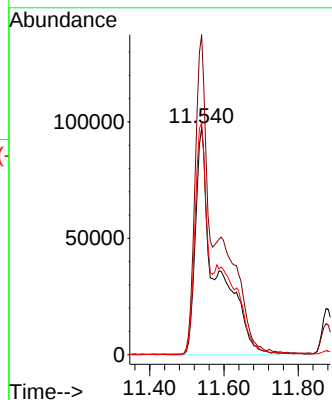
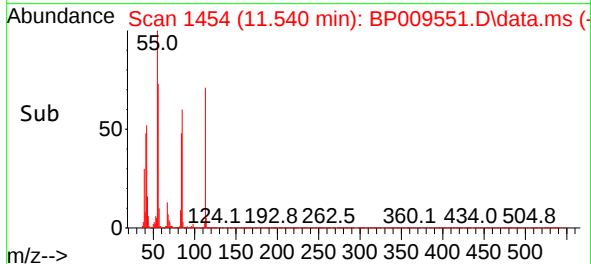
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:113 Resp: 379564
Ion Ratio Lower Upper
113 100
55 141.1 128.4 168.4
56 102.2 90.9 130.9

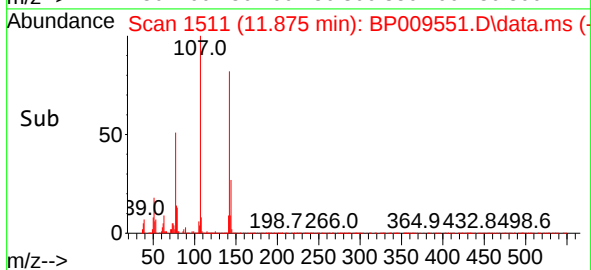
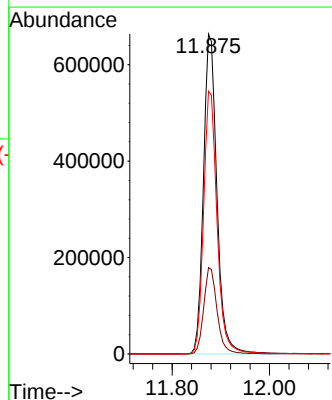
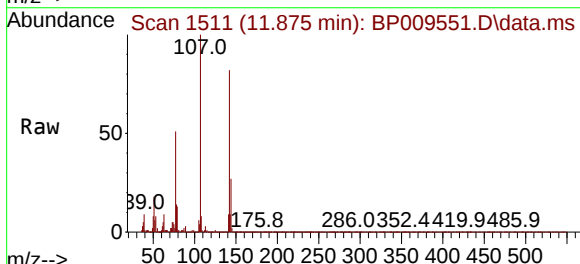
Manual Integrations
APPROVED

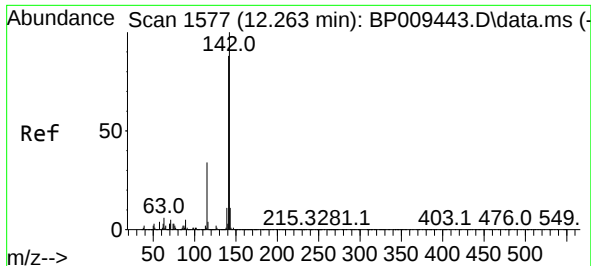
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#36
4-Chloro-3-methylphenol
Concen: 47.239 ng
RT: 11.875 min Scan# 1511
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

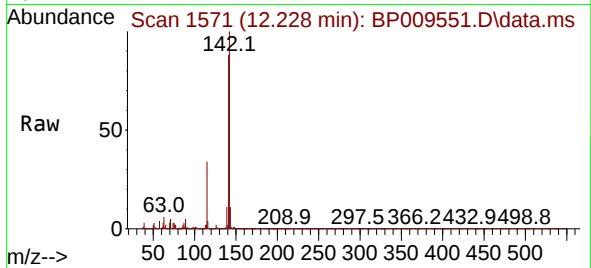
Tgt Ion:107 Resp: 1271916
Ion Ratio Lower Upper
107 100
144 27.0 21.0 31.4
142 82.1 64.9 97.3





#37
2-Methylnaphthalene
Concen: 46.798 ng
RT: 12.228 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

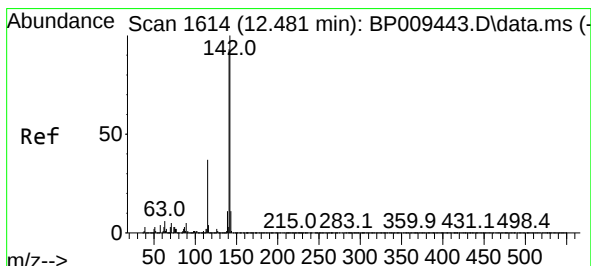
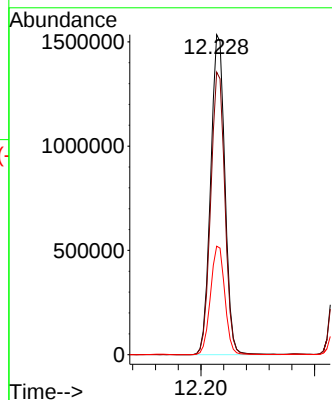
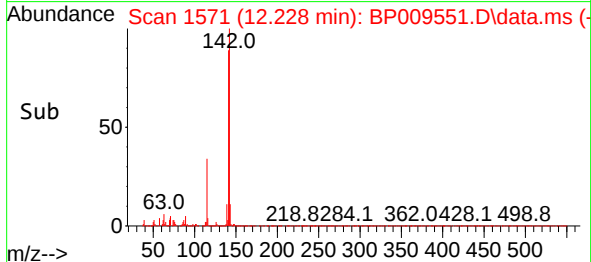
Instrument :
BNA_P
ClientSampleId :
PB143541BS



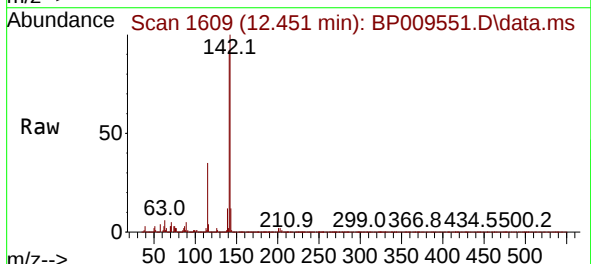
Tgt Ion:142 Resp: 2657258
Ion Ratio Lower Upper
142 100
141 88.3 70.2 105.4
115 33.9 27.4 41.2

Manual Integrations
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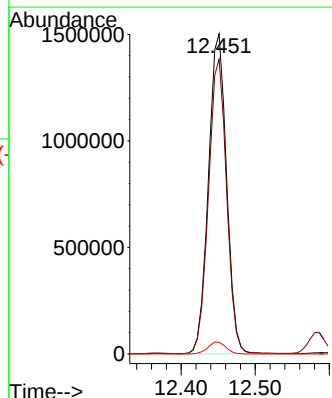
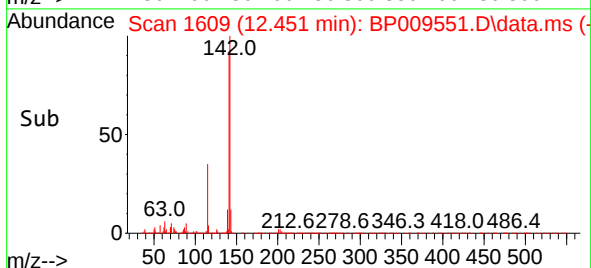
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

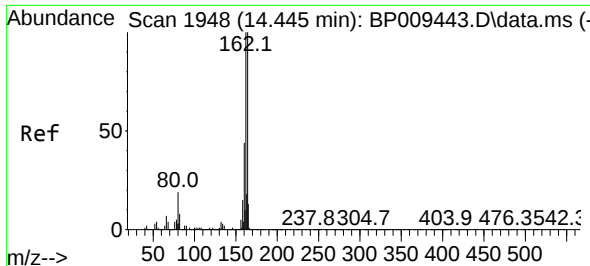


#38
1-Methylnaphthalene
Concen: 45.986 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



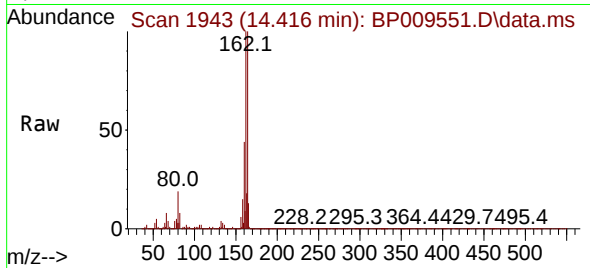
Tgt Ion:142 Resp: 2543710
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 3.7 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.416 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

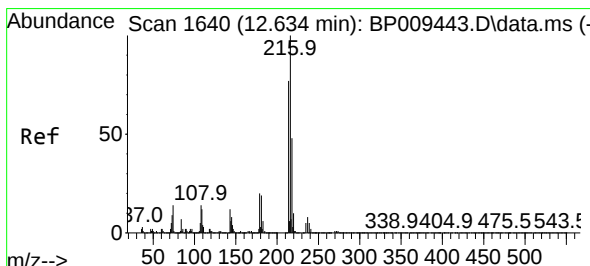
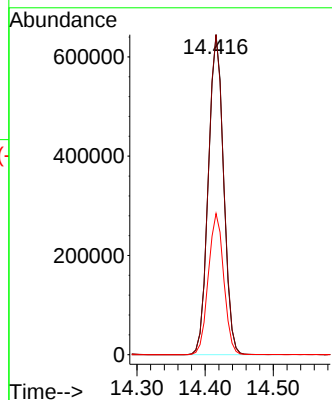
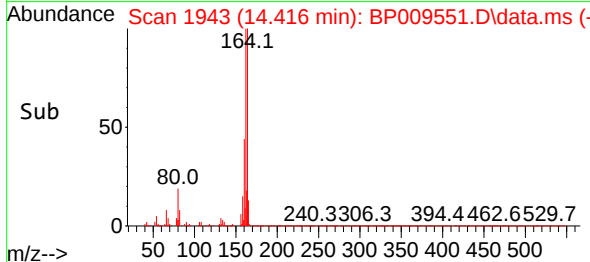
Instrument :
BNA_P
ClientSampleId :
PB143541BS



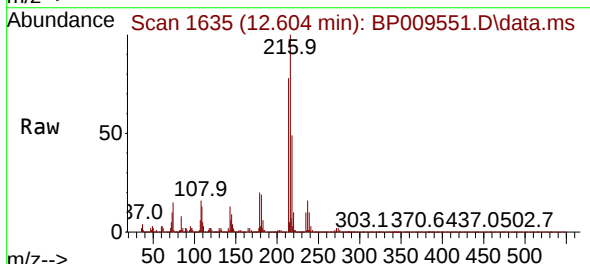
Tgt Ion:164 Resp: 100185
Ion Ratio Lower Upper
164 100
162 100.0 79.1 118.7
160 44.1 34.9 52.3

Manual Integrations
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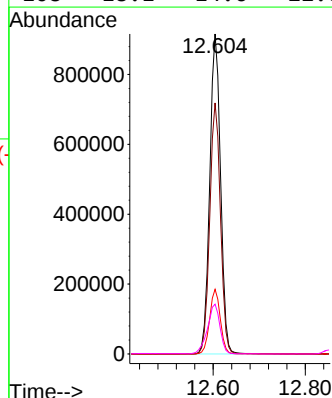
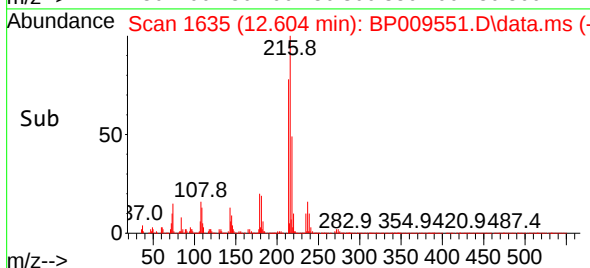
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

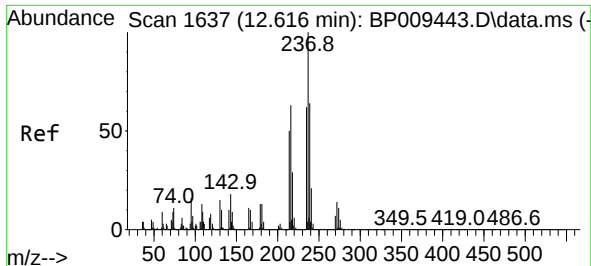


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.007 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



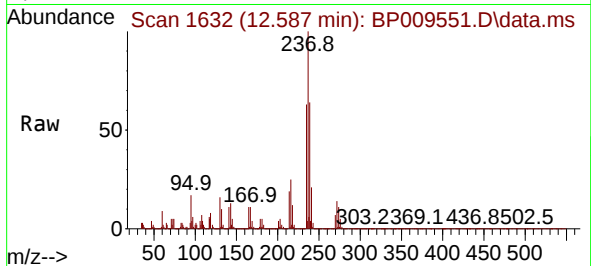
Tgt Ion:216 Resp: 1496065
Ion Ratio Lower Upper
216 100
214 78.1 62.3 93.5
179 19.9 16.8 25.2
108 18.1 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 99.200 ng
RT: 12.587 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

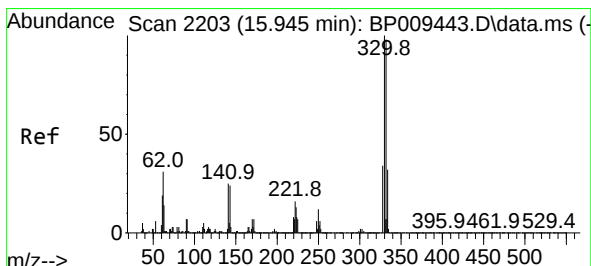
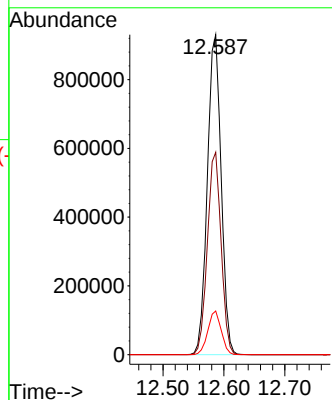
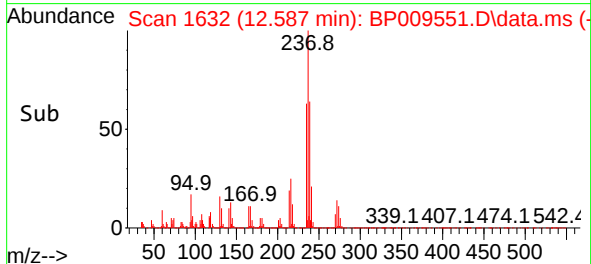
Instrument :
BNA_P
ClientSampleId :
PB143541BS



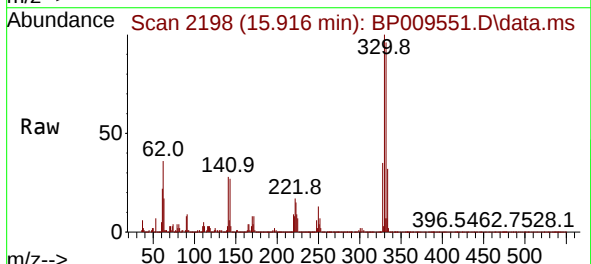
Tgt Ion:237 Resp: 1463215
Ion Ratio Lower Upper
237 100
235 63.3 42.6 82.6
272 13.6 0.0 32.8

Manual Integrations
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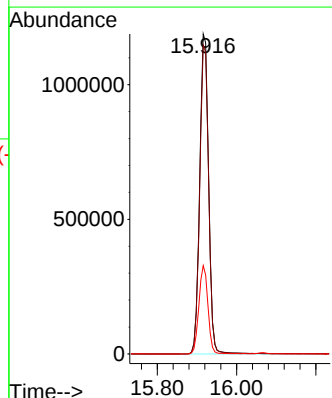
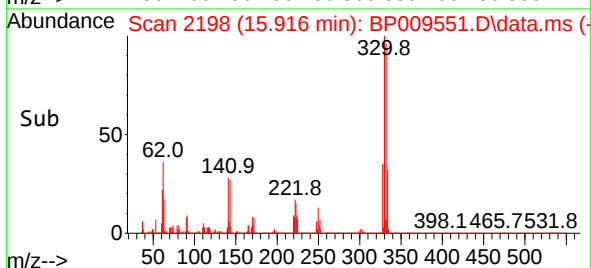
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

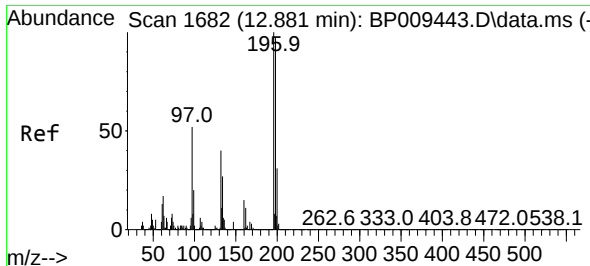


#42
2,4,6-Tribromophenol
Concen: 111.843 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



Tgt Ion:330 Resp: 1849030
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 28.0 27.6 41.4





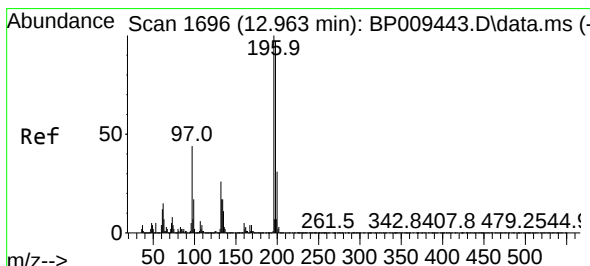
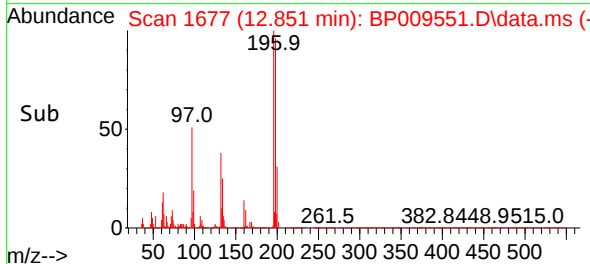
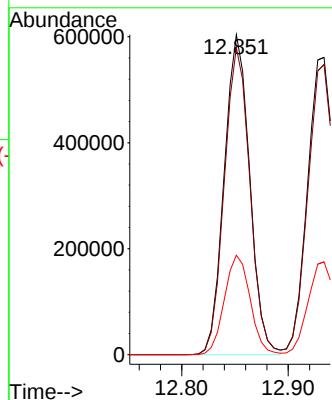
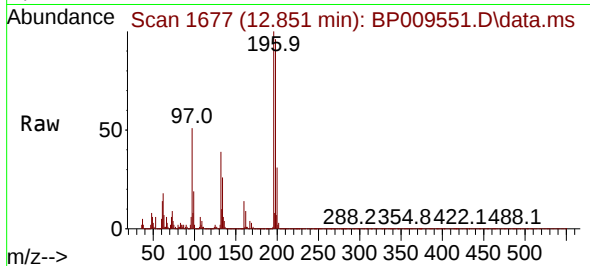
#43
2,4,6-Trichlorophenol
Concen: 45.720 ng
RT: 12.851 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:196 Resp: 1007320
Ion Ratio Lower Upper
196 100
198 96.0 76.2 114.4
200 31.1 24.4 36.6

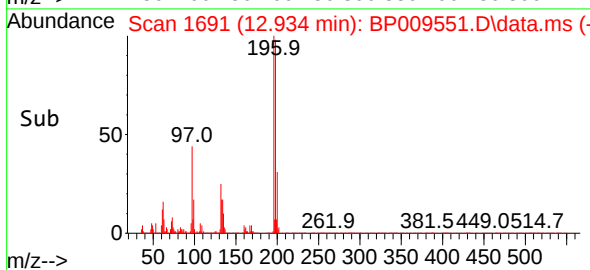
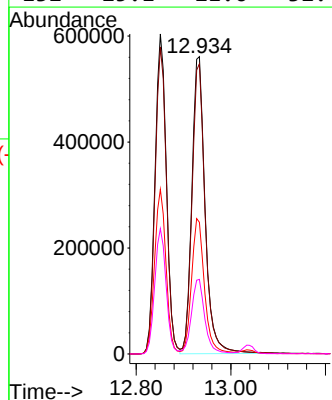
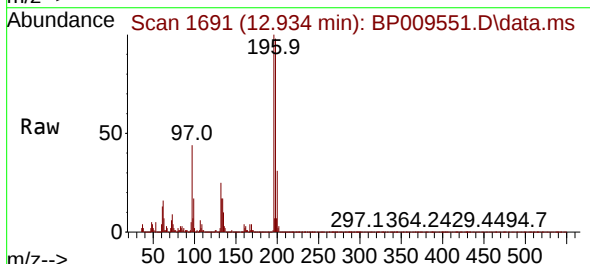
Manual Integrations
APPROVED

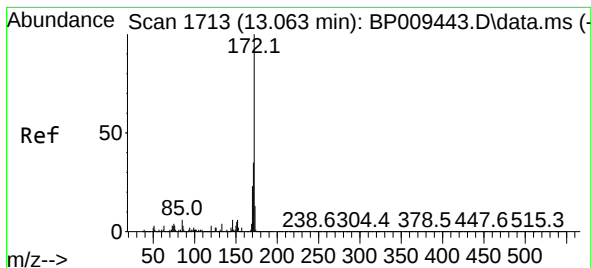
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#44
2,4,5-Trichlorophenol
Concen: 45.632 ng
RT: 12.934 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:196 Resp: 1091789
Ion Ratio Lower Upper
196 100
198 97.6 76.6 114.8
97 44.3 38.3 57.5
132 25.1 21.6 32.4





#45

2-Fluorobiphenyl

Concen: 83.252 ng

RT: 13.039 min Scan# 1709

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion:172 Resp: 6016540

Ion Ratio Lower Upper

172 100

171 35.7 28.0 42.0

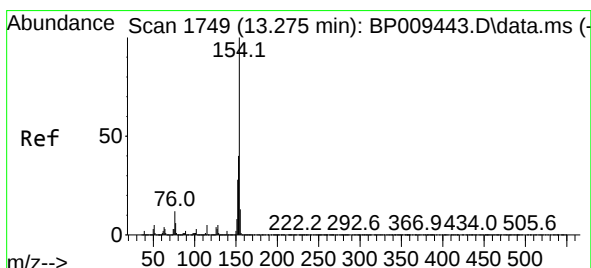
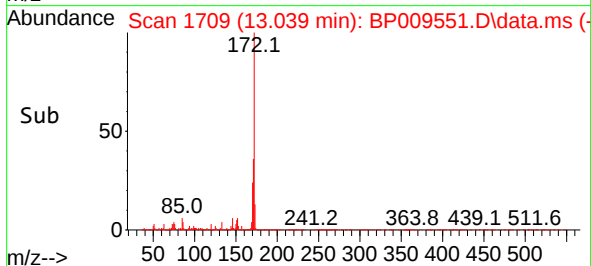
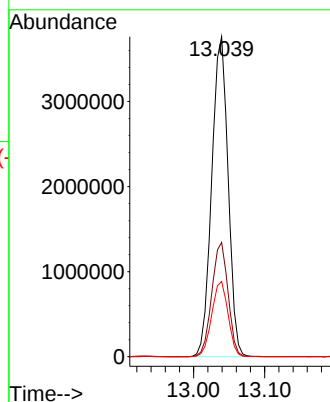
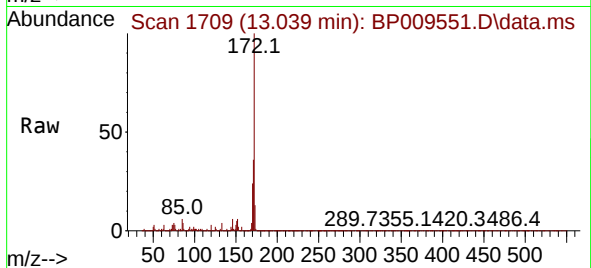
170 23.5 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#46

1,1'-Biphenyl

Concen: 46.191 ng

RT: 13.245 min Scan# 1744

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

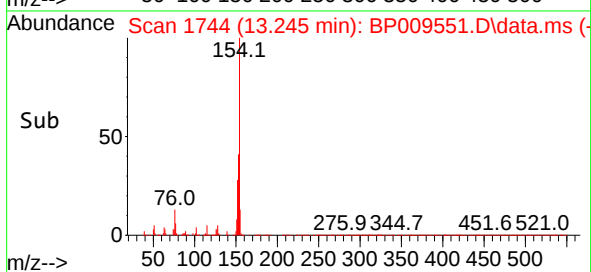
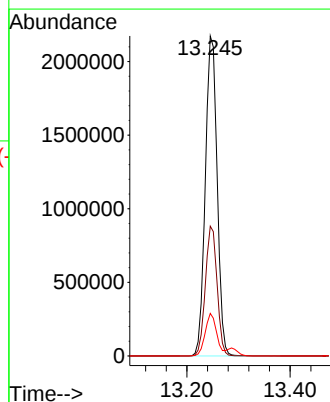
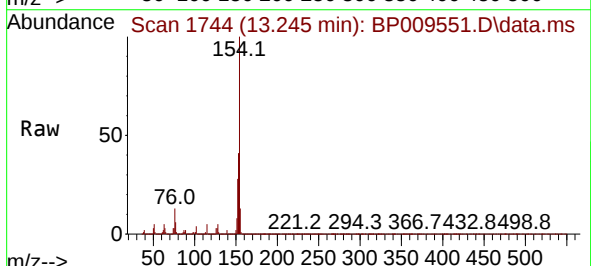
Tgt Ion:154 Resp: 3452286

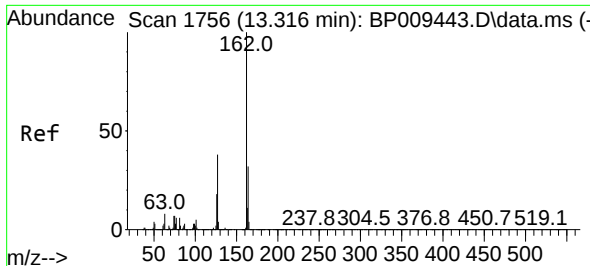
Ion Ratio Lower Upper

154 100

153 40.6 20.2 60.2

76 13.3 0.0 34.0





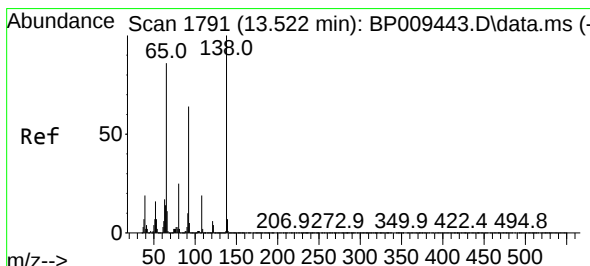
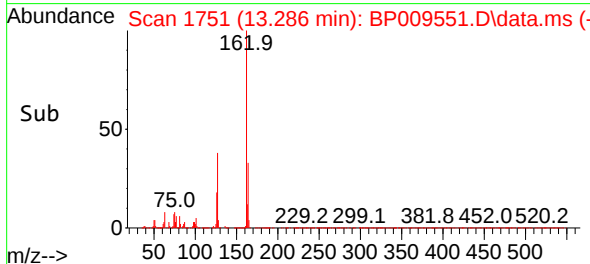
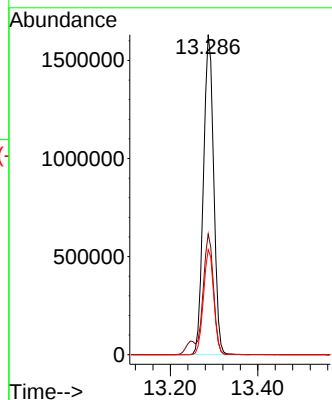
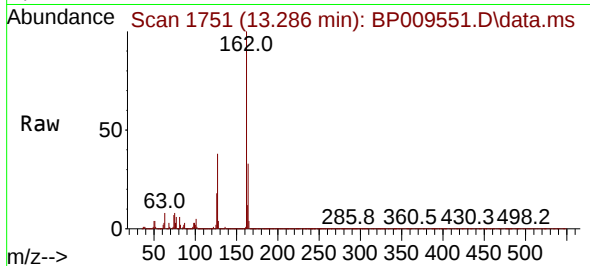
#47
2-Chloronaphthalene
Concen: 45.448 ng
RT: 13.286 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:162 Resp: 2674274
Ion Ratio Lower Upper
162 100
127 37.7 30.8 46.2
164 32.8 26.3 39.5

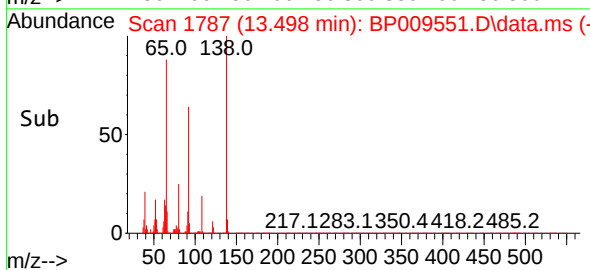
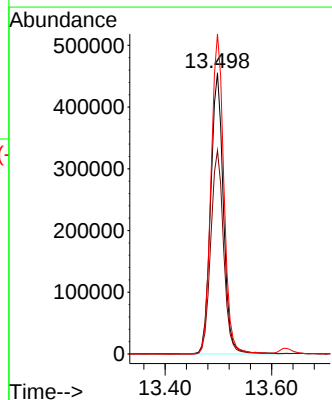
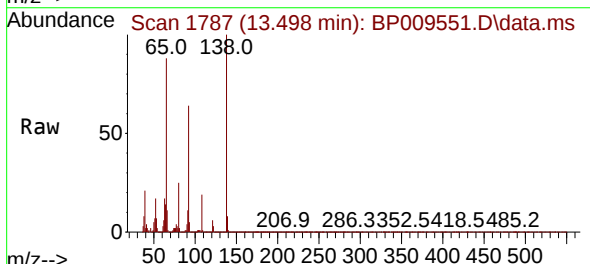
Manual Integrations
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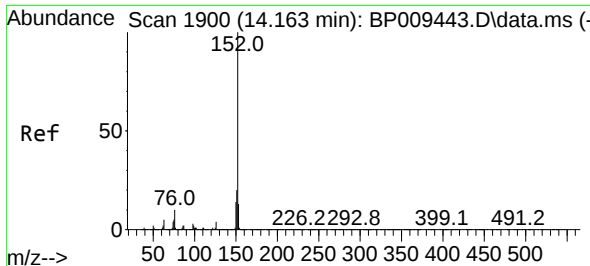
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#48
2-Nitroaniline
Concen: 47.128 ng
RT: 13.498 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion: 65 Resp: 755289
Ion Ratio Lower Upper
65 100
92 72.4 56.9 85.3
138 113.9 89.3 133.9





#49
Acenaphthylene
Concen: 48.802 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

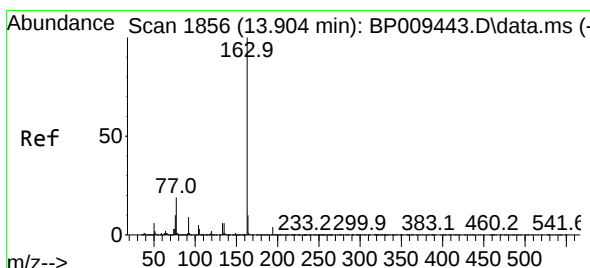
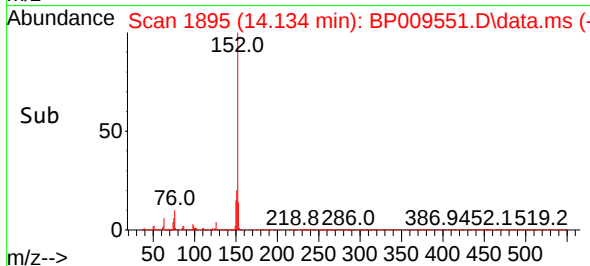
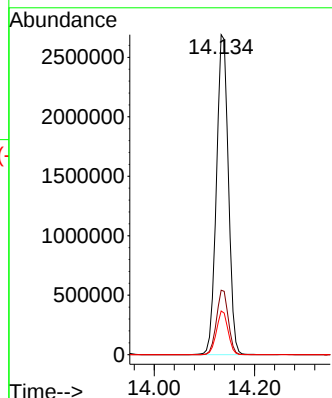
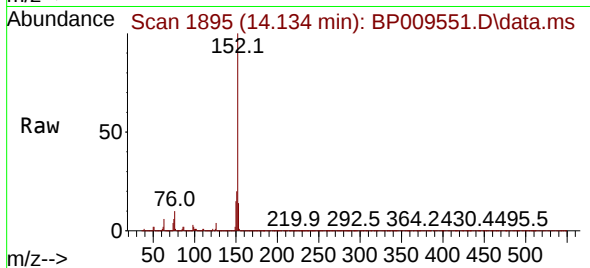
PB143541BS

Tgt Ion:152 Resp: 4433040
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.7 16.1

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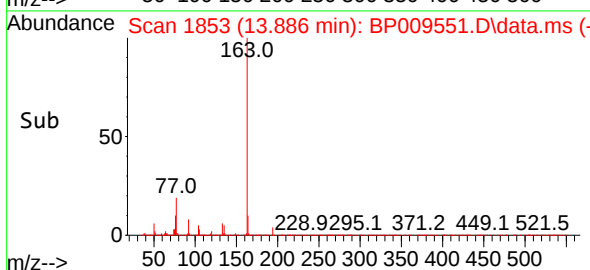
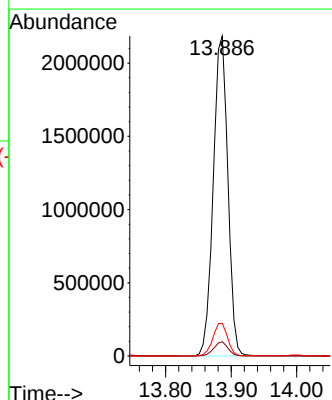
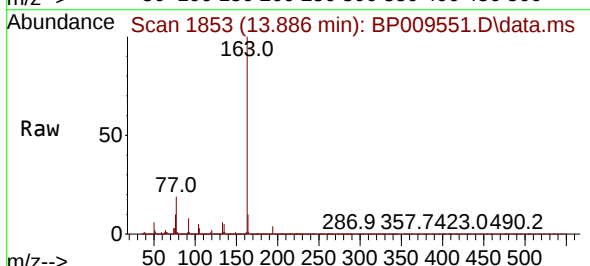
APPROVED

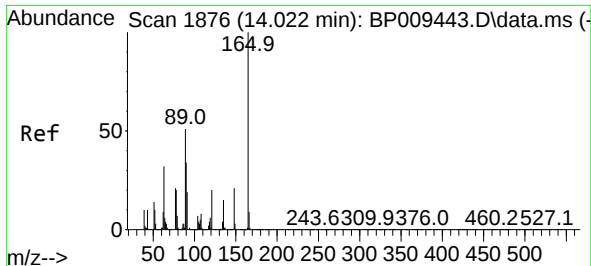
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#50
Dimethylphthalate
Concen: 44.414 ng
RT: 13.886 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

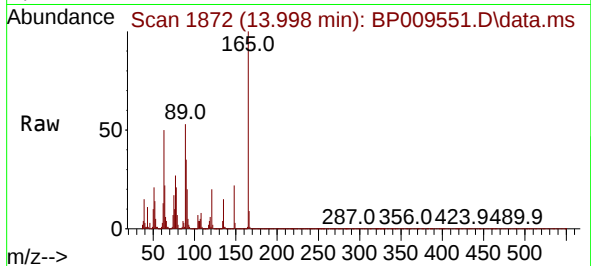
Tgt Ion:163 Resp: 3371635
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.465 ng
RT: 13.998 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

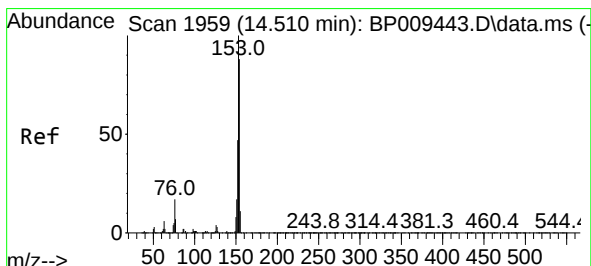
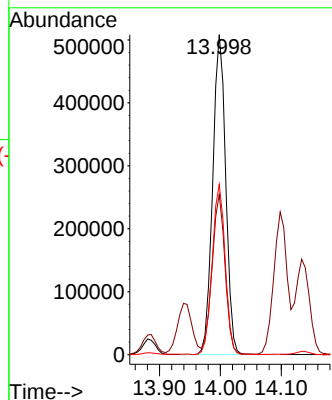
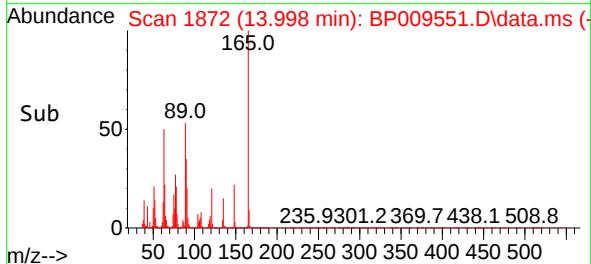
Instrument :
BNA_P
ClientSampleId :
PB143541BS



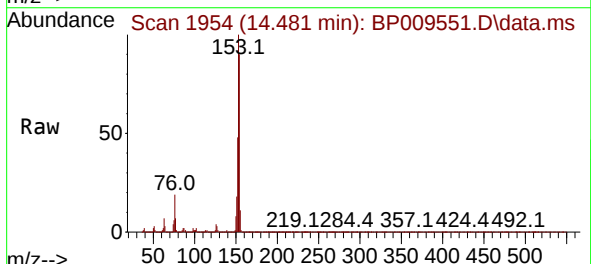
Tgt Ion:165 Resp: 754958
Ion Ratio Lower Upper
165 100
63 50.0 40.9 61.3
89 53.2 43.4 65.2

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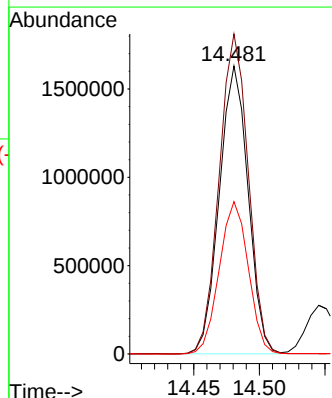
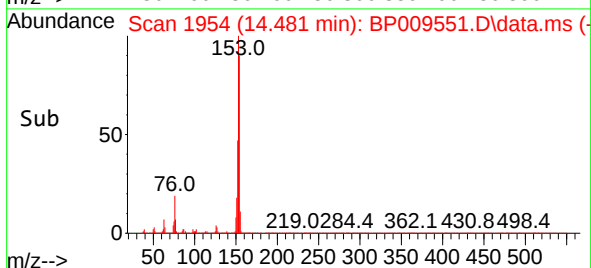
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

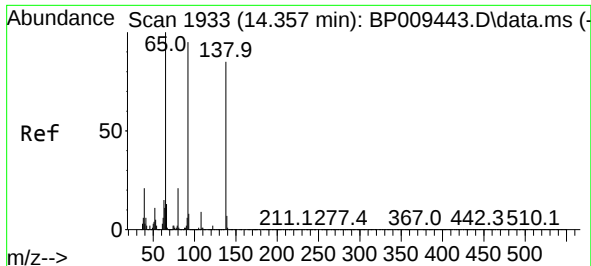


#52
Acenaphthene
Concen: 45.839 ng
RT: 14.481 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



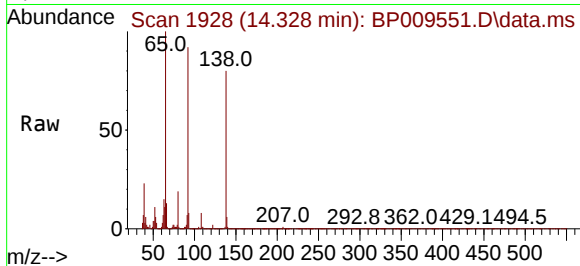
Tgt Ion:154 Resp: 2487321
Ion Ratio Lower Upper
154 100
153 111.1 90.2 135.4
152 52.9 42.7 64.1





#53
3-Nitroaniline
Concen: 21.746 ng
RT: 14.328 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

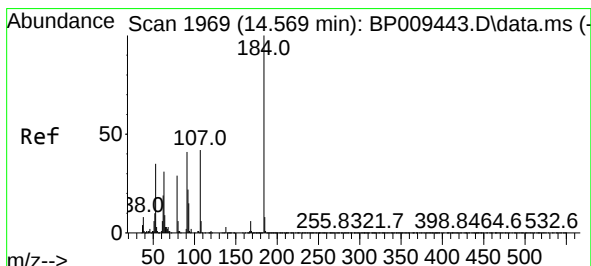
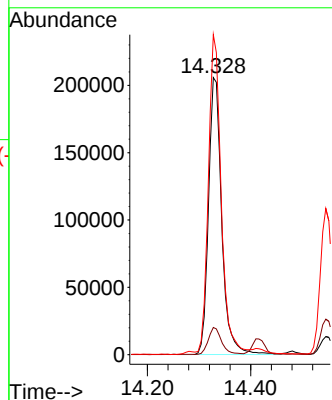
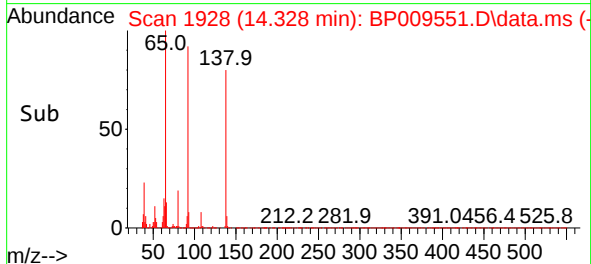
Instrument :
BNA_P
ClientSampleId :
PB143541BS



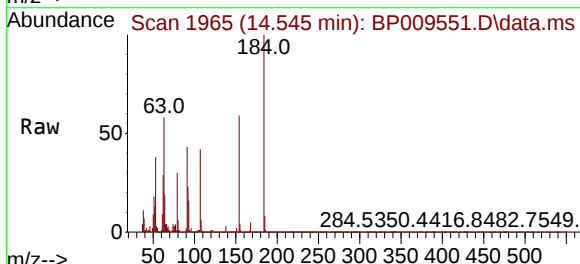
Tgt Ion:138 Resp: 36532
Ion Ratio Lower Upper
138 100
108 9.8 9.7 14.5
92 115.5 94.4 141.6

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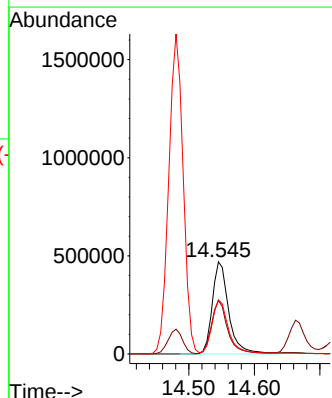
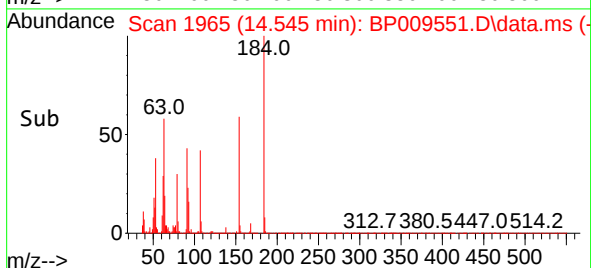
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

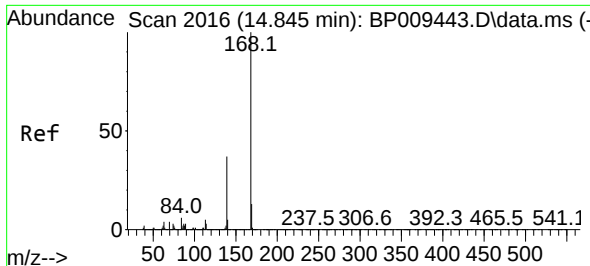


#54
2,4-Dinitrophenol
Concen: 82.717 ng
RT: 14.545 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



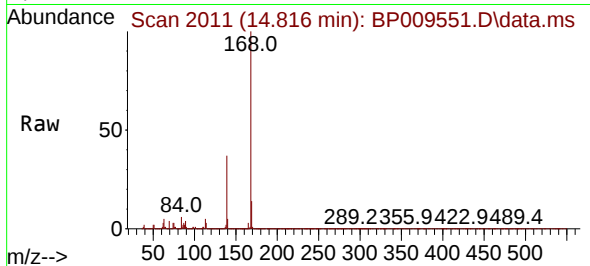
Tgt Ion:184 Resp: 819138
Ion Ratio Lower Upper
184 100
63 58.1 46.3 69.5
154 58.7 45.8 68.6





#55
Dibenzenofuran
Concen: 44.026 ng
RT: 14.816 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

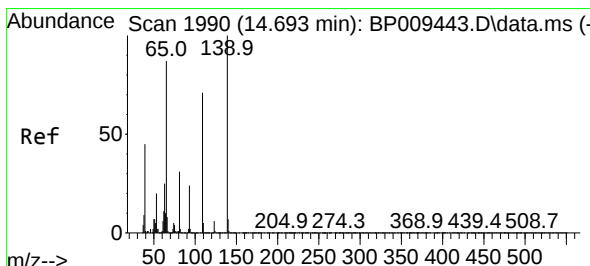
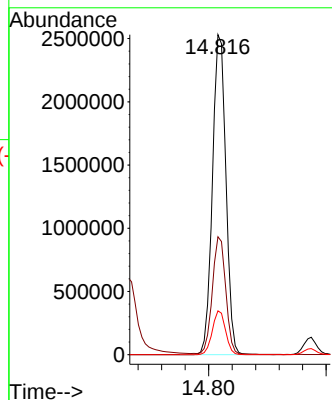
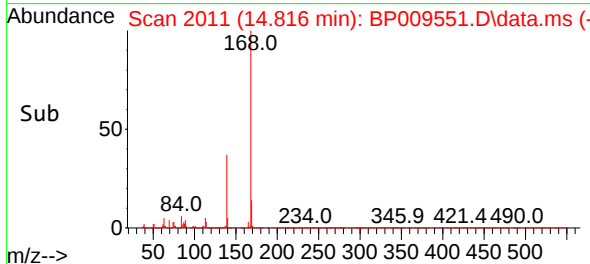
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:168 Resp: 4013404
Ion Ratio Lower Upper
168 100
139 36.8 29.1 43.7
169 13.7 10.6 16.0

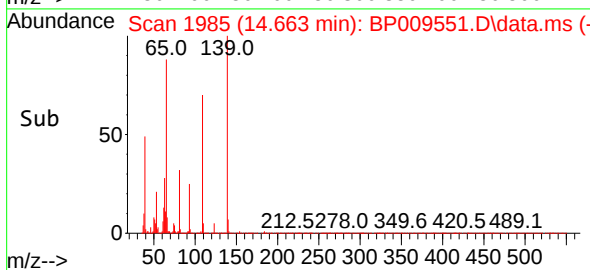
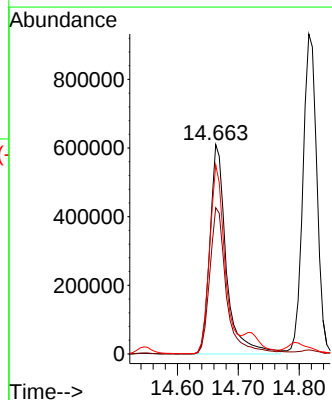
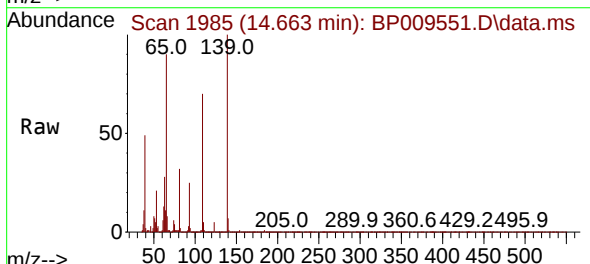
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#56
4-Nitrophenol
Concen: 91.240 ng
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:139 Resp: 1142577
Ion Ratio Lower Upper
139 100
109 69.8 51.2 91.2
65 90.3 73.2 113.2





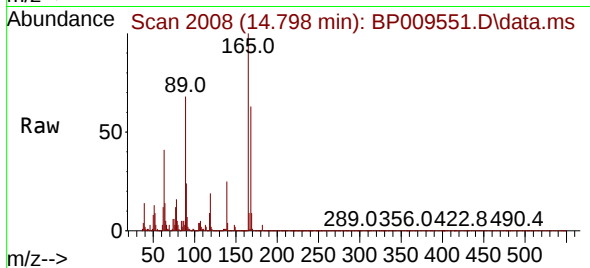
#57
2,4-Dinitrotoluene
Concen: 45.883 ng
RT: 14.798 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

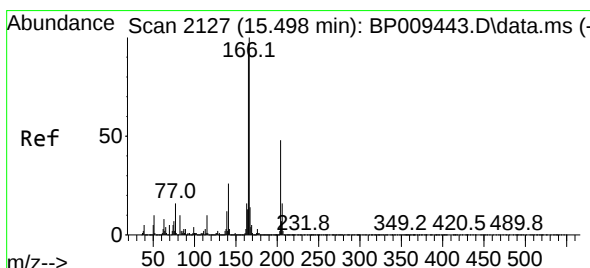
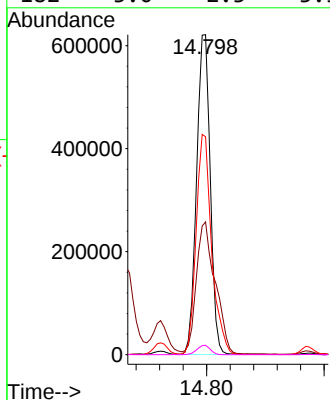
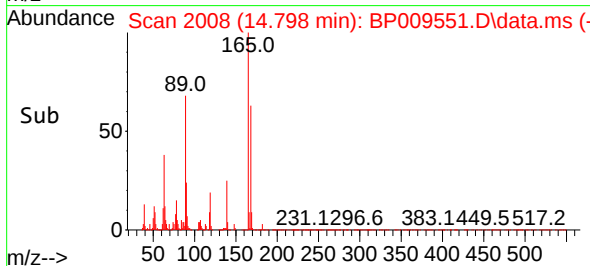


Tgt Ion:165 Resp: 100347
Ion Ratio Lower Upper
165 100
63 41.5 31.4 47.2
89 68.1 55.9 83.9
182 3.0 2.3 3.5

Manual Integrations

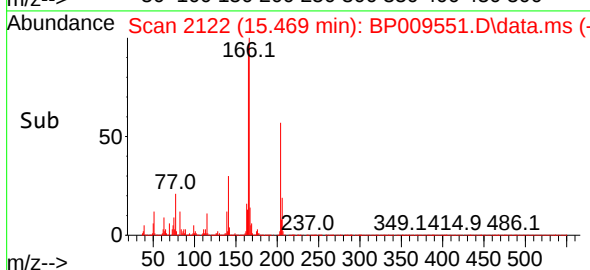
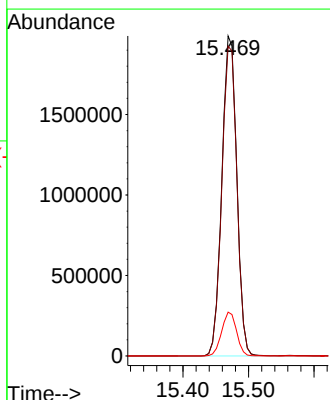
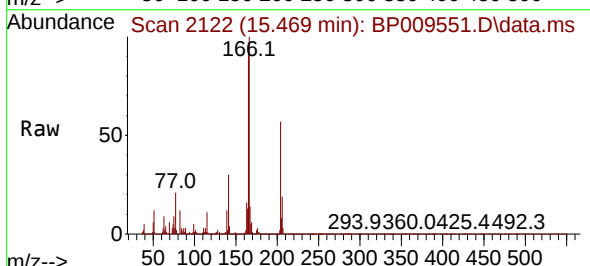
APPROVED

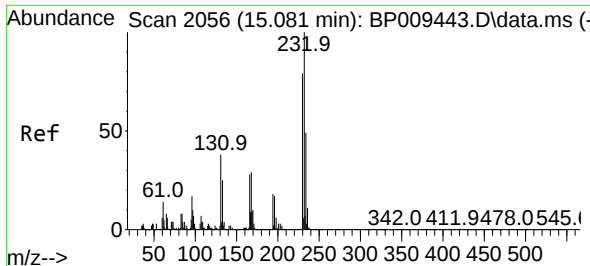
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#58
Fluorene
Concen: 43.698 ng
RT: 15.469 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

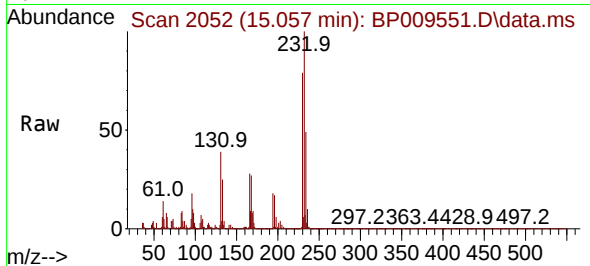
Tgt Ion:166 Resp: 3132922
Ion Ratio Lower Upper
166 100
165 96.8 79.2 118.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.901 ng
RT: 15.057 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

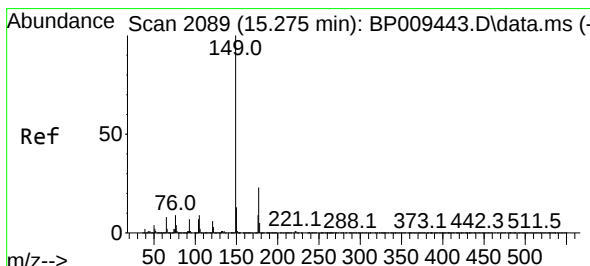
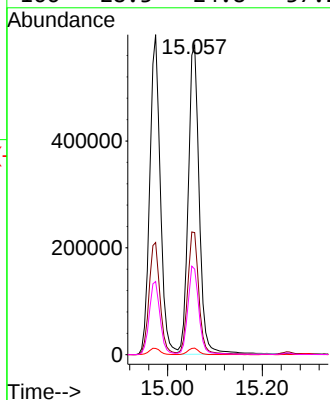
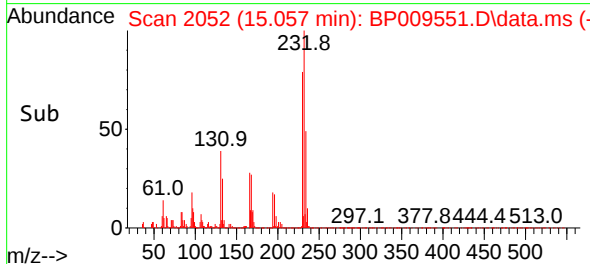
Instrument :
BNA_P
ClientSampleId :
PB143541BS



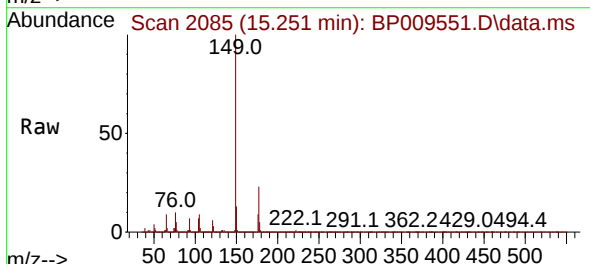
Tgt Ion:232 Resp: 93054
Ion Ratio Lower Upper
232 100
131 40.1 35.5 53.3
130 2.1 1.8 2.8
166 28.3 24.8 37.2

Manual Integrations
APPROVED

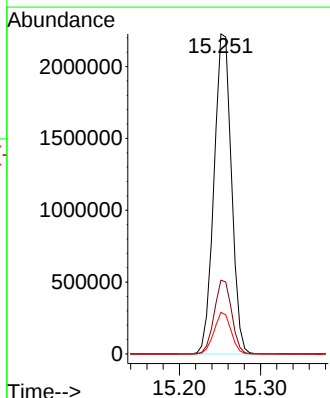
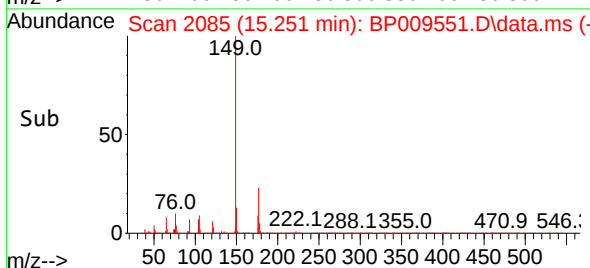
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

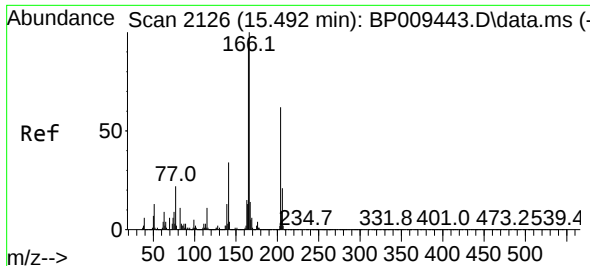


#60
Diethylphthalate
Concen: 43.726 ng
RT: 15.251 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



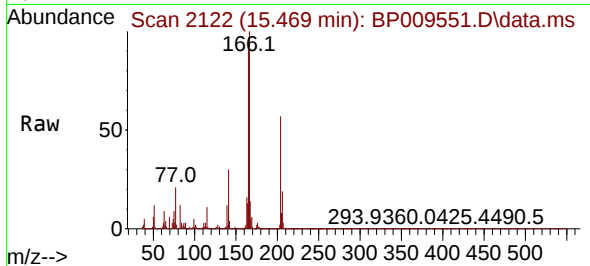
Tgt Ion:149 Resp: 3322172
Ion Ratio Lower Upper
149 100
177 23.0 18.2 27.2
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.748 ng
RT: 15.469 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

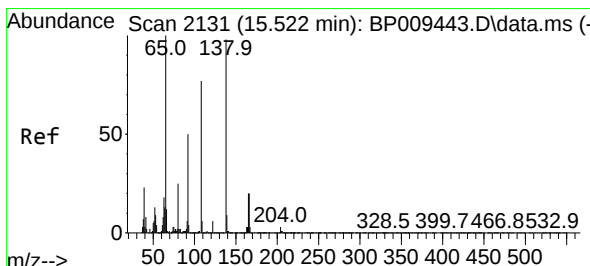
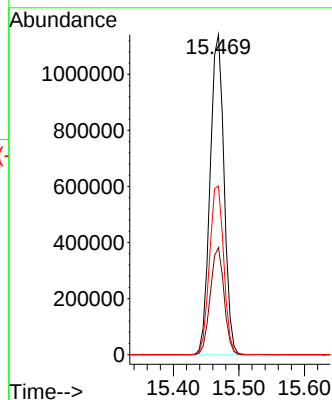
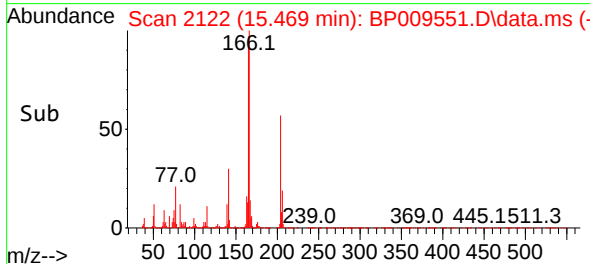
Instrument :
BNA_P
ClientSampleId :
PB143541BS



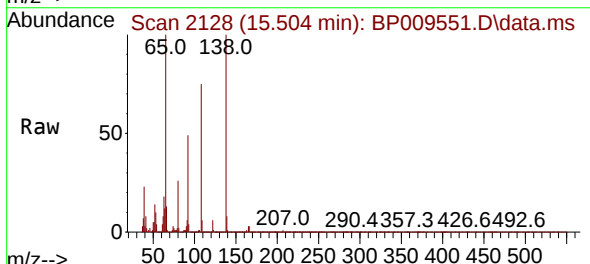
Tgt Ion:204 Resp: 1688270
Ion Ratio Lower Upper
204 100
206 33.5 26.0 39.0
141 52.7 45.9 68.9

Manual Integrations
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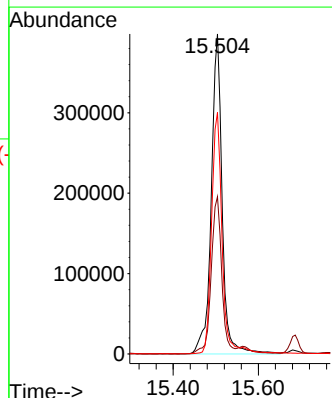
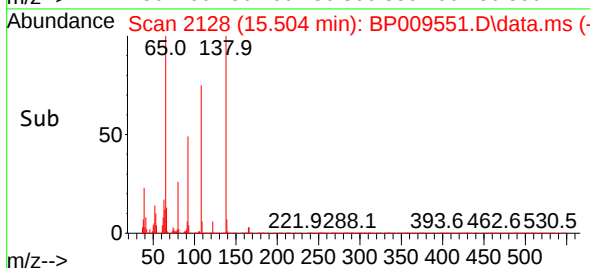
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

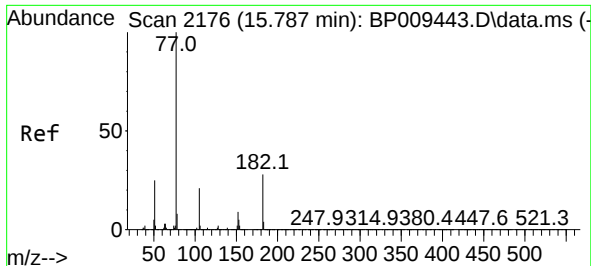


#62
4-Nitroaniline
Concen: 40.156 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



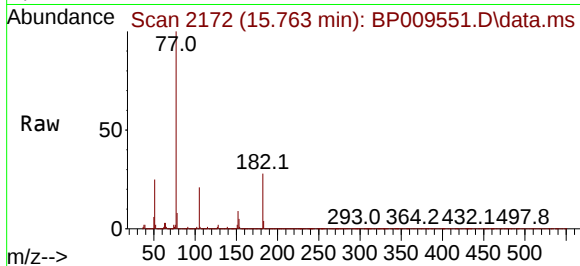
Tgt Ion:138 Resp: 708481
Ion Ratio Lower Upper
138 100
92 49.2 31.2 71.2
108 75.4 54.3 94.3





#63
Azobenzene
Concen: 46.587 ng
RT: 15.763 min Scan# 2176
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

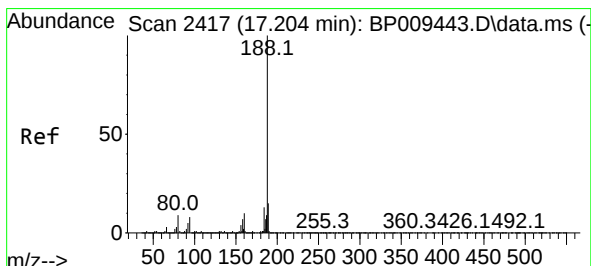
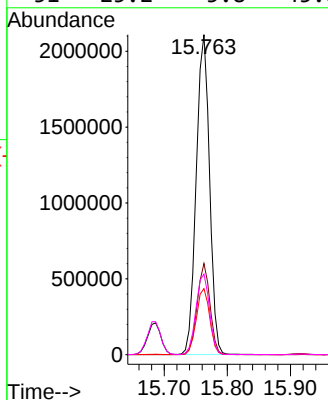
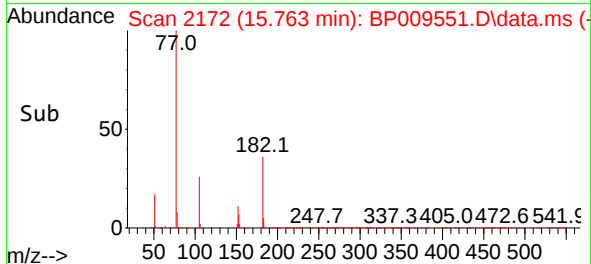
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion: 77 Resp: 307908
Ion Ratio Lower Upper
77 100
182 28.5 5.4 45.4
105 20.7 0.3 40.3
51 25.2 5.8 45.8

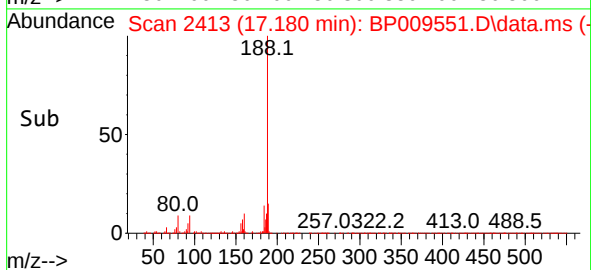
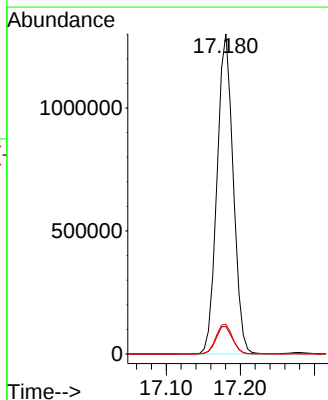
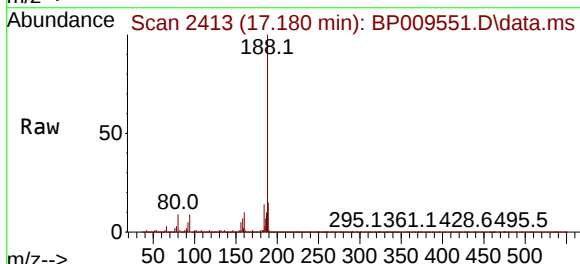
Manual Integrations
APPROVED

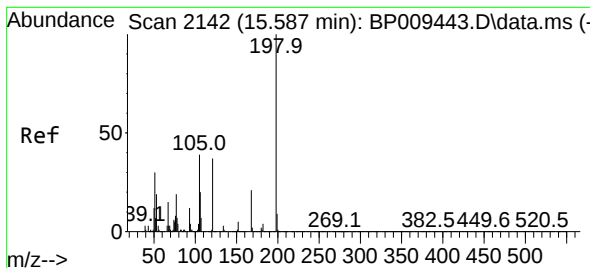
Reviewed By :Christian Giraldo 03/28/2022
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:188 Resp: 1973041
Ion Ratio Lower Upper
188 100
94 8.6 7.9 11.9
80 9.3 8.8 13.2





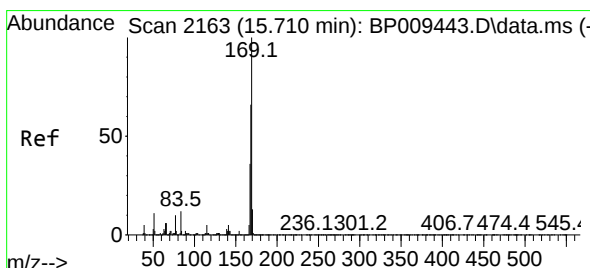
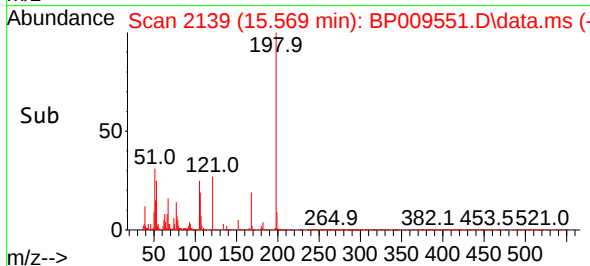
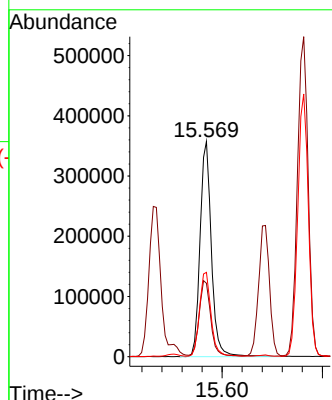
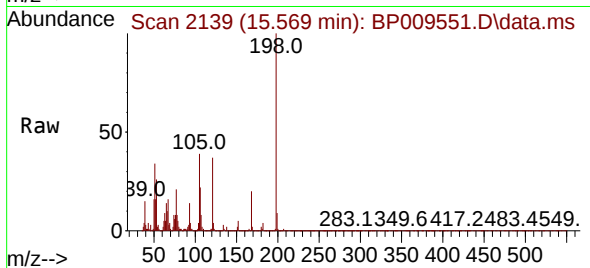
#65
4,6-Dinitro-2-methylphenol
Concen: 43.948 ng
RT: 15.569 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:198 Resp: 55758
Ion Ratio Lower Upper
198 100
51 34.1 17.7 57.7
105 39.2 23.2 63.2

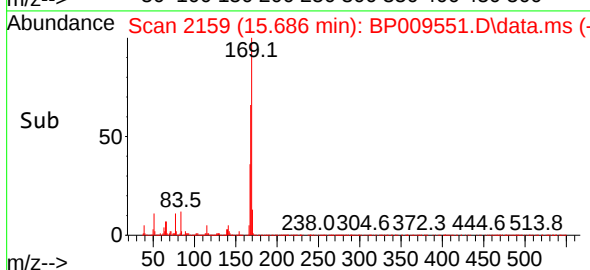
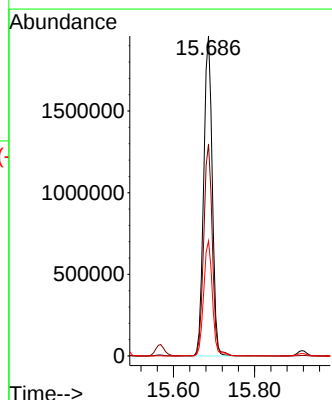
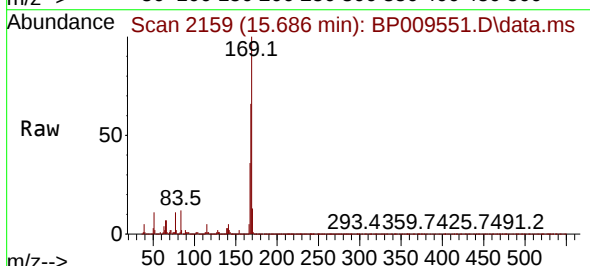
Manual Integrations
APPROVED

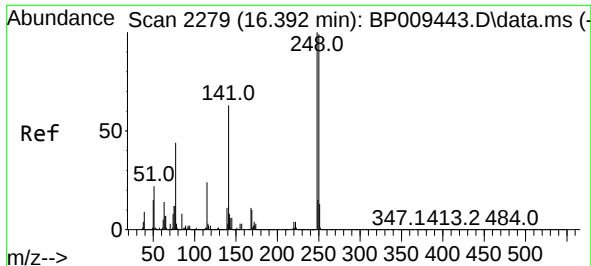
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#66
n-Nitrosodiphenylamine
Concen: 48.659 ng
RT: 15.686 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:169 Resp: 2841103
Ion Ratio Lower Upper
169 100
168 66.3 51.6 77.4
167 36.0 29.0 43.4





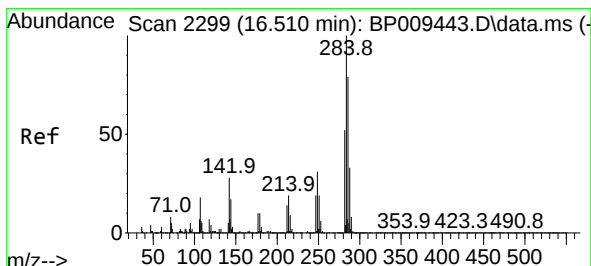
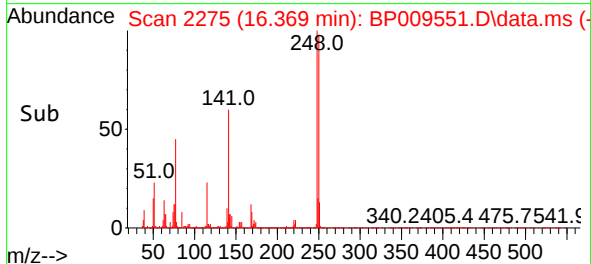
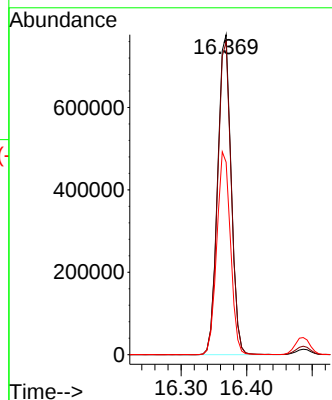
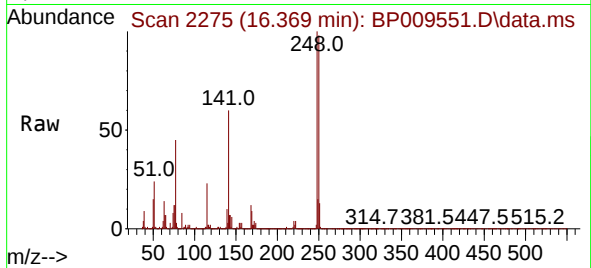
#67
4-Bromophenyl-phenylether
Concen: 45.872 ng
RT: 16.369 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Instrument :
BNA_P
ClientSampleId :
PB143541BS

Tgt Ion:248 Resp: 1107499
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 60.1 58.3 87.5

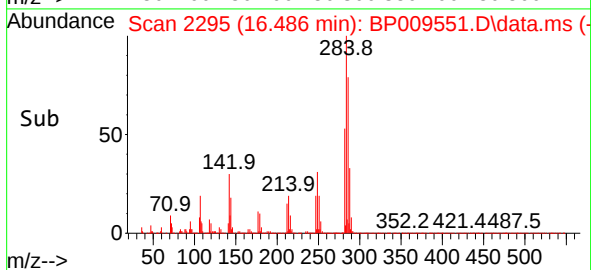
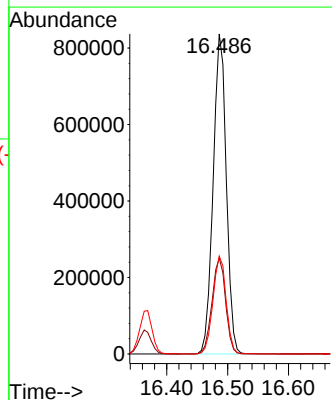
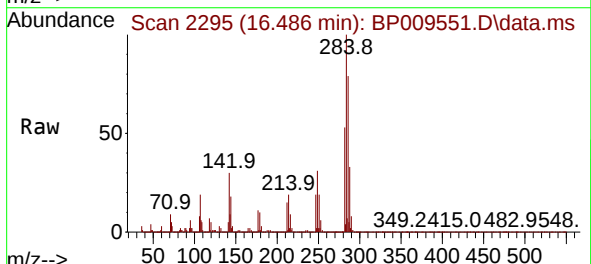
Manual Integrations
APPROVED

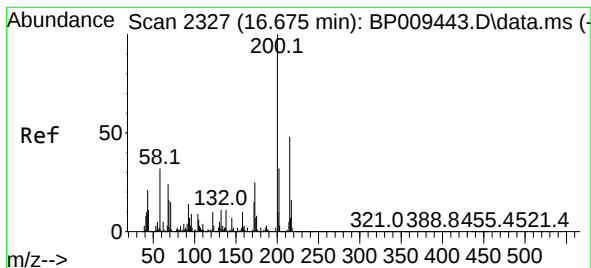
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#68
Hexachlorobenzene
Concen: 45.063 ng
RT: 16.486 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:284 Resp: 1252141
Ion Ratio Lower Upper
284 100
142 30.0 26.8 40.2
249 30.6 24.6 37.0





#69

Atrazine

Concen: 51.052 ng

RT: 16.651 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion:200 Resp: 1048010

Ion Ratio Lower Upper

200 100

173 25.8 6.2 46.2

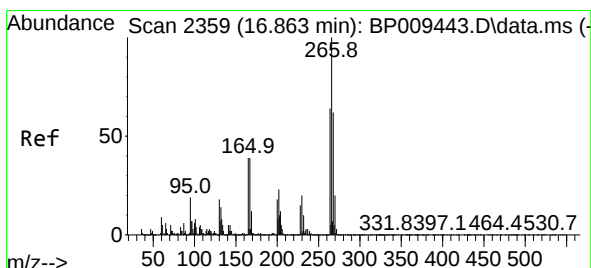
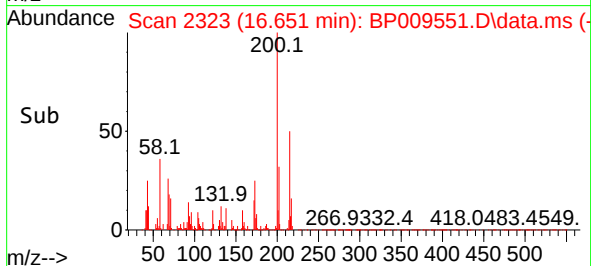
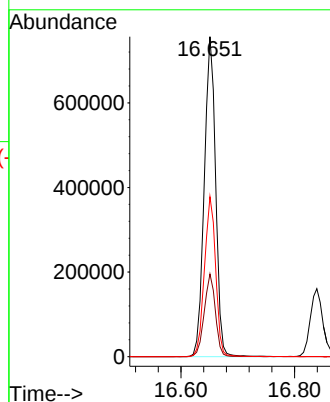
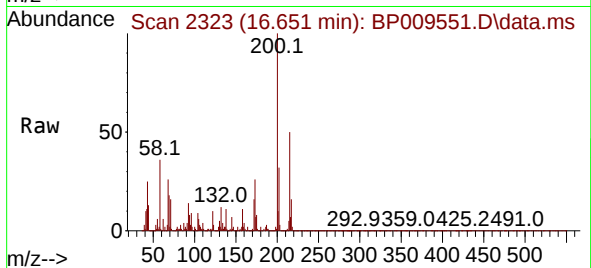
215 50.0 28.5 68.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#70

Pentachlorophenol

Concen: 95.819 ng

RT: 16.839 min Scan# 2355

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

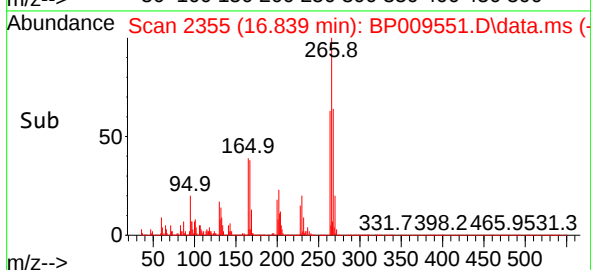
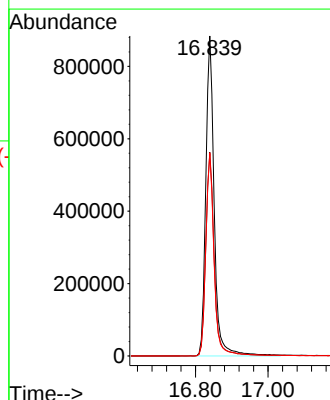
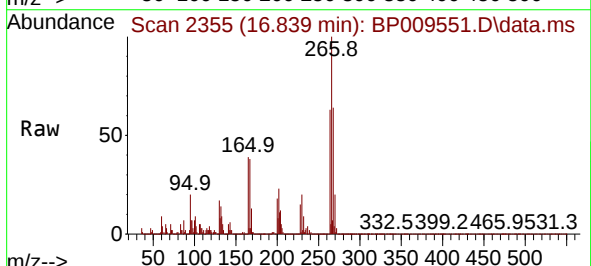
Tgt Ion:266 Resp: 1423251

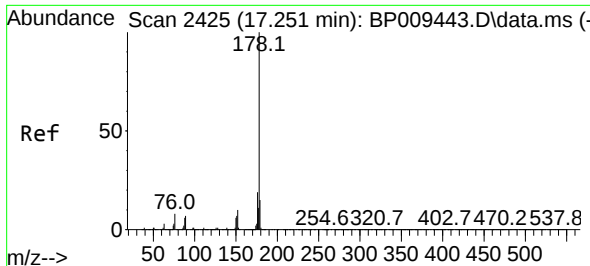
Ion Ratio Lower Upper

266 100

268 63.7 49.8 74.8

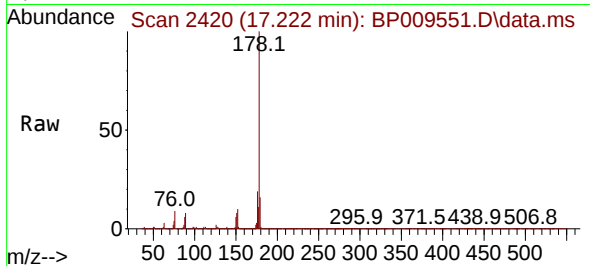
264 63.4 50.9 76.3





#71
Phenanthrene
Concen: 46.547 ng
RT: 17.222 min Scan# 2425
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

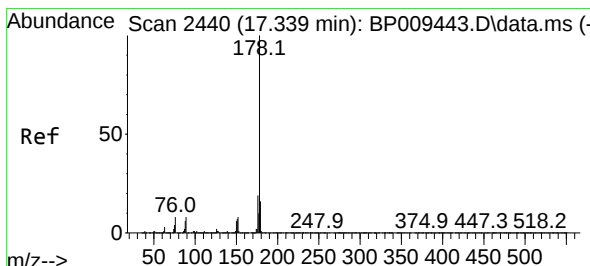
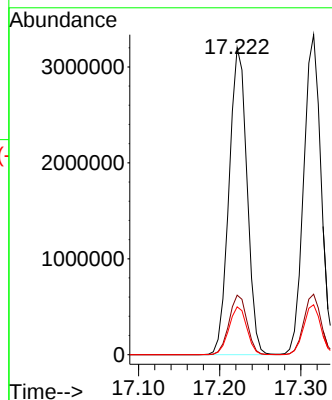
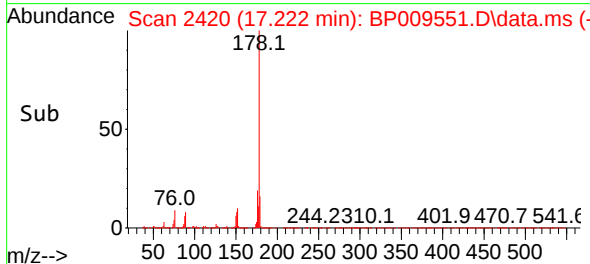
Instrument :
BNA_P
ClientSampleId :
PB143541BS



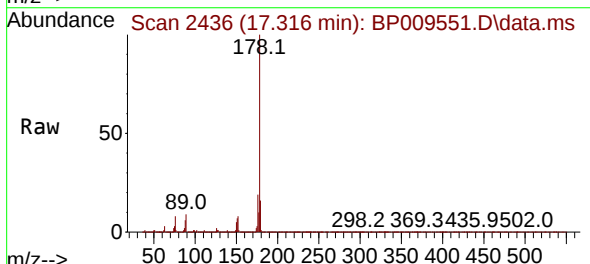
Tgt Ion:178 Resp: 4916194
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.6 12.3 18.5

Manual Integrations
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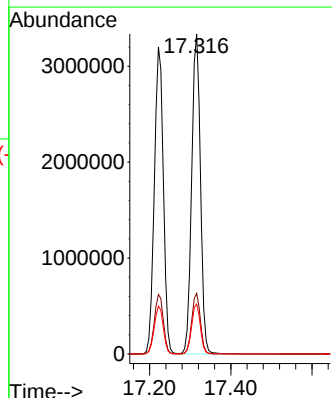
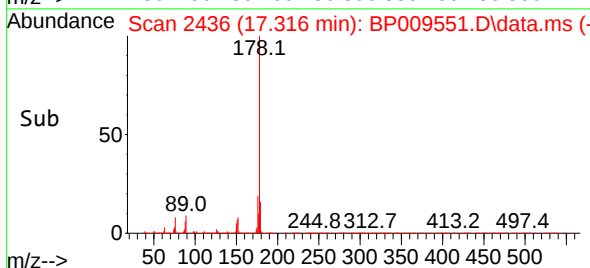
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

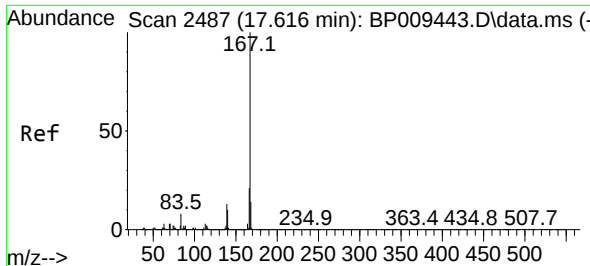


#72
Anthracene
Concen: 47.881 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



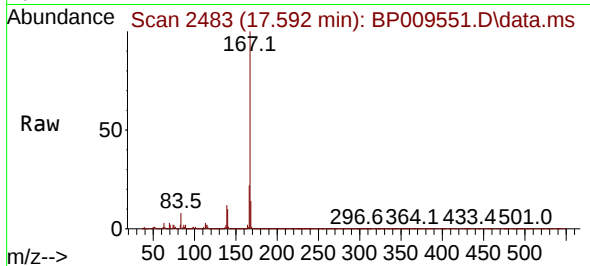
Tgt Ion:178 Resp: 4992997
Ion Ratio Lower Upper
178 100
176 18.9 14.8 22.2
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 43.730 ng
 RT: 17.592 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BP009551.D
 Acq: 25 Mar 2022 14:20

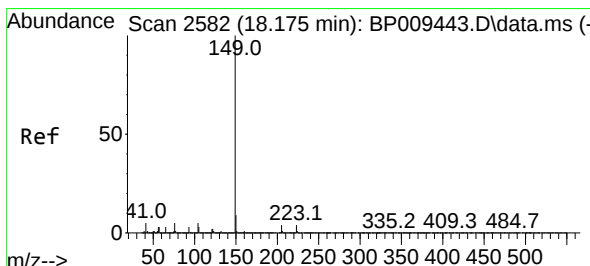
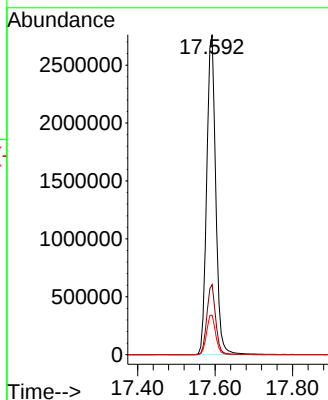
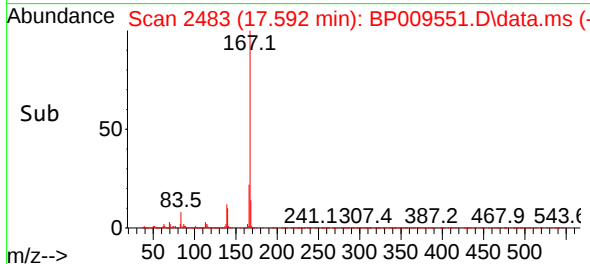
Instrument :
 BNA_P
 ClientSampleId :
 PB143541BS



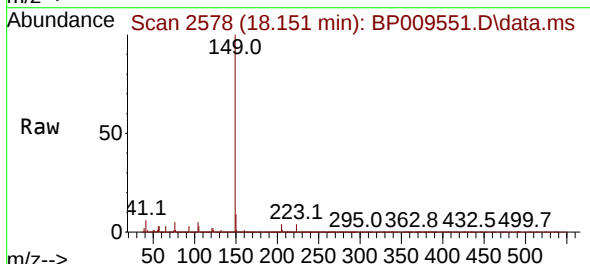
Tgt Ion:167 Resp: 4459719
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.2 25.8
 139 12.4 10.3 15.5

Manual Integrations
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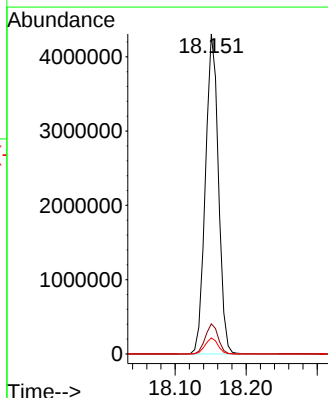
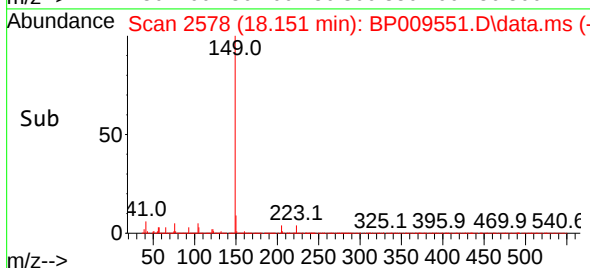
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/28/2022

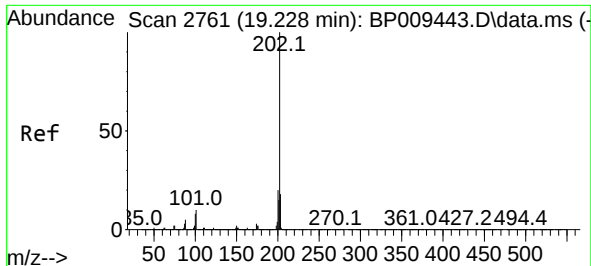


#74
 Di-n-butylphthalate
 Concen: 45.921 ng
 RT: 18.151 min Scan# 2578
 Delta R.T. -0.006 min
 Lab File: BP009551.D
 Acq: 25 Mar 2022 14:20



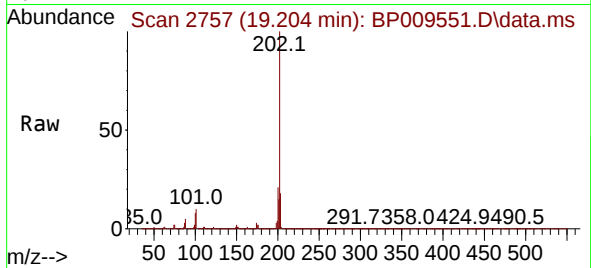
Tgt Ion:149 Resp: 5487824
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 5.0 4.2 6.2





#75
Fluoranthene
Concen: 43.411 ng
RT: 19.204 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

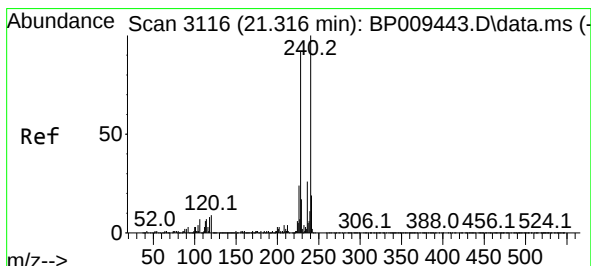
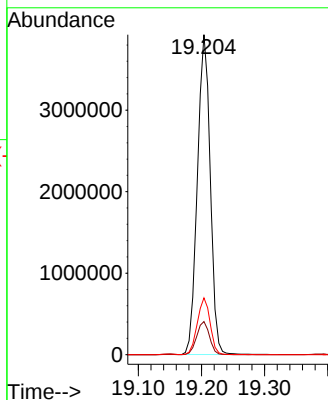
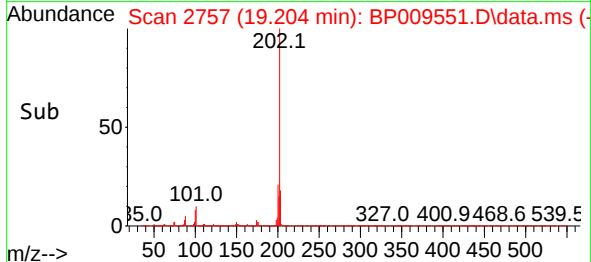
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:202 Resp: 555074
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.5
203 17.8 0.0 37.8

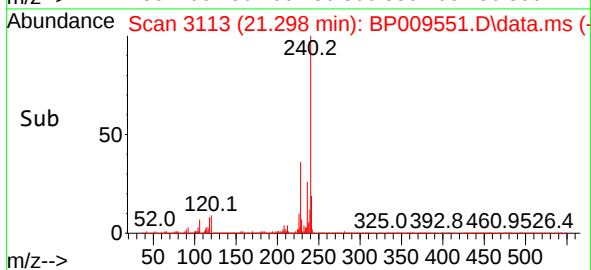
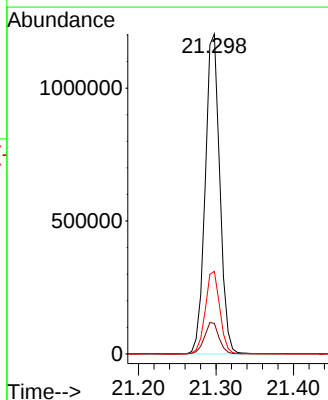
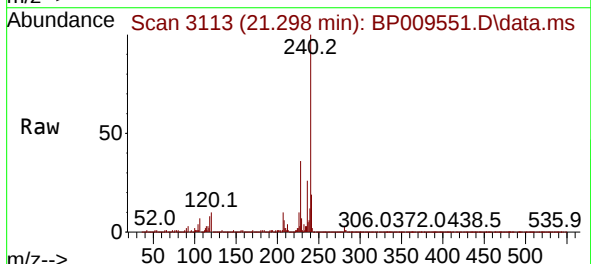
Manual Integrations
APPROVED

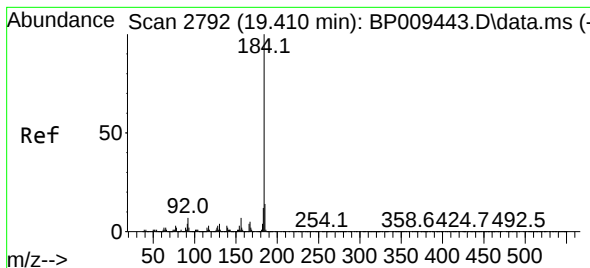
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

Tgt Ion:240 Resp: 1571101
Ion Ratio Lower Upper
240 100
120 9.5 9.0 13.4
236 25.8 20.6 30.8





#77

Benzidine

Concen: 51.529 ng

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion:184 Resp: 198437

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

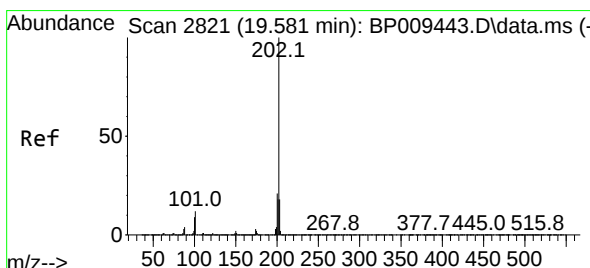
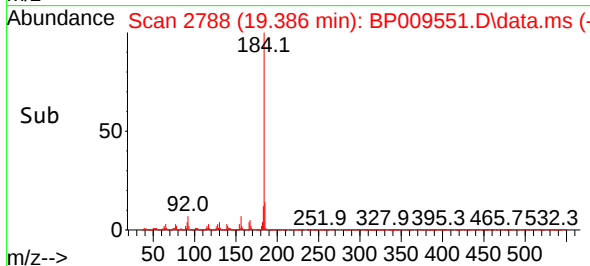
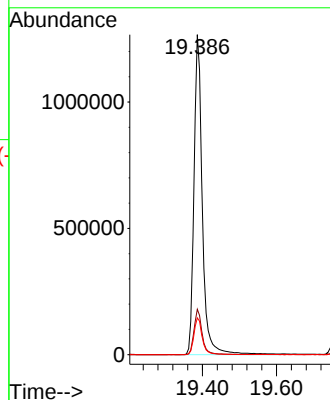
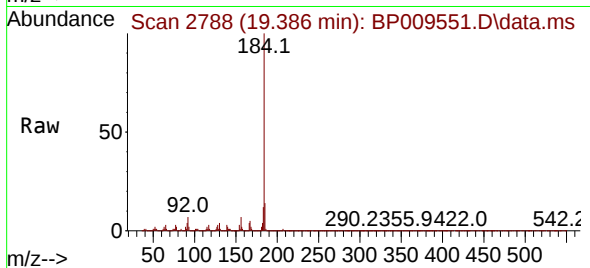
183 11.5 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#78

Pyrene

Concen: 53.981 ng

RT: 19.557 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

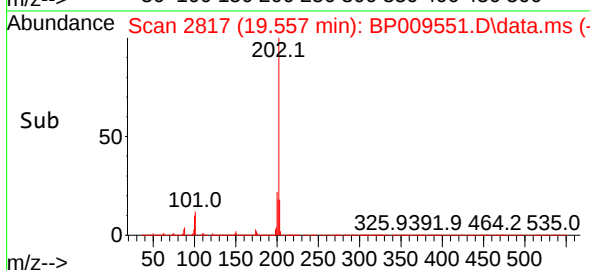
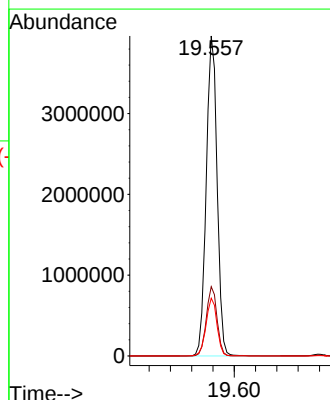
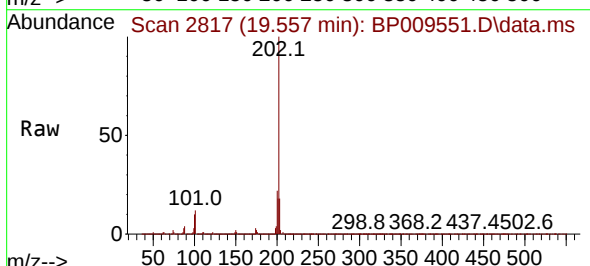
Tgt Ion:202 Resp: 5588629

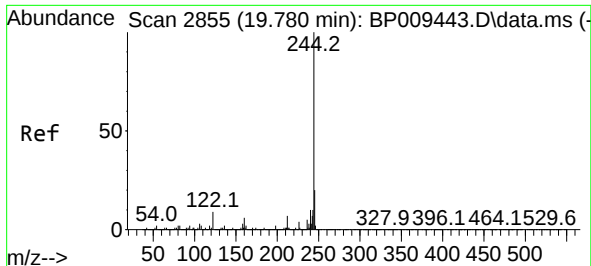
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 18.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 97.649 ng
 RT: 19.757 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009551.D
 Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

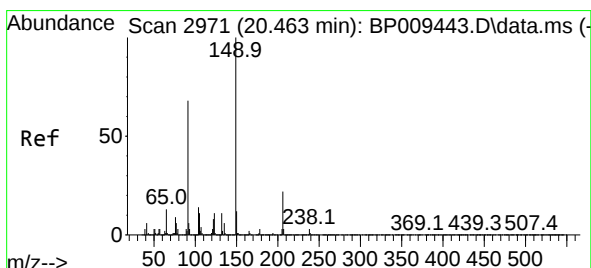
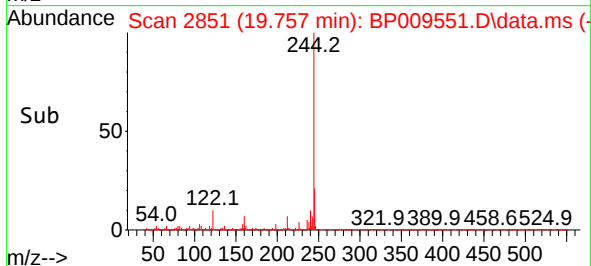
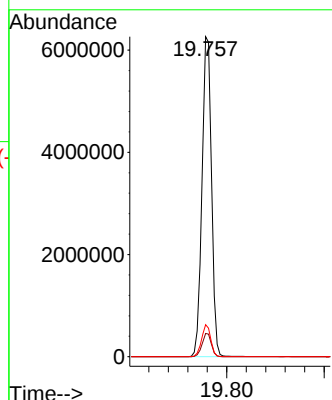
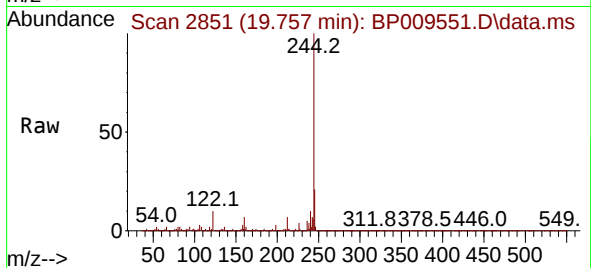
PB143541BS

Tgt Ion:244 Resp: 8547400
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 10.0 8.3 12.5

Manual Integrations

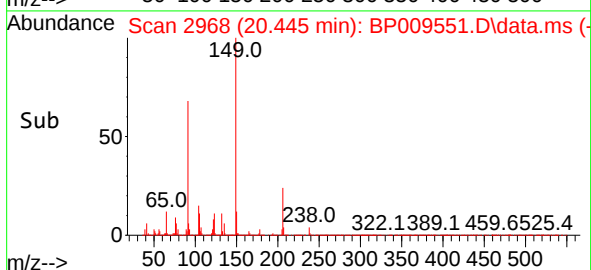
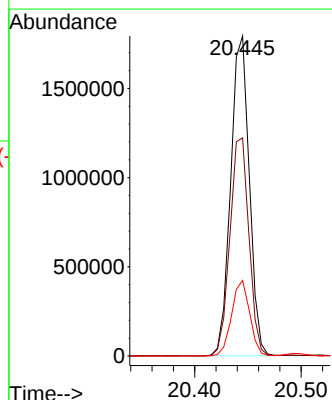
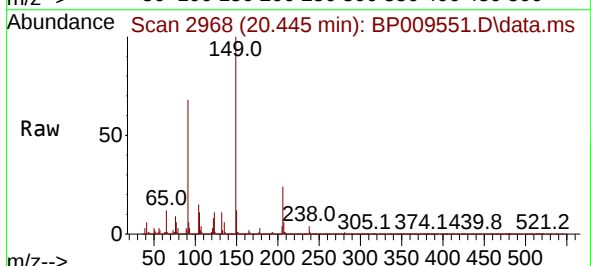
APPROVED

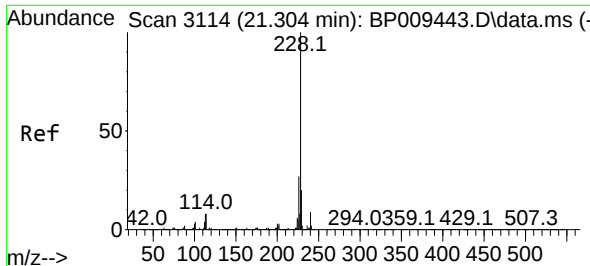
Reviewed By :Christian Giraldo 03/28/2022
 Supervised By :Jagrut Upadhyay 03/28/2022



#80
 Butylbenzylphthalate
 Concen: 49.595 ng
 RT: 20.445 min Scan# 2968
 Delta R.T. -0.000 min
 Lab File: BP009551.D
 Acq: 25 Mar 2022 14:20

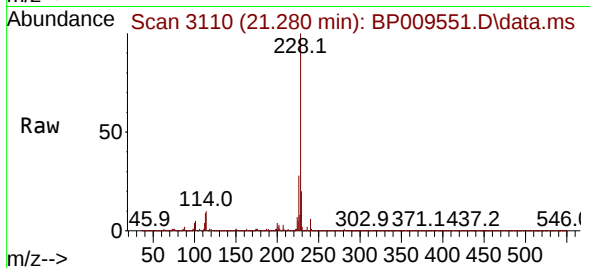
Tgt Ion:149 Resp: 2182364
 Ion Ratio Lower Upper
 149 100
 91 68.2 57.9 86.9
 206 23.6 16.9 25.3





#81
Benzo(a)anthracene
Concen: 47.214 ng
RT: 21.280 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

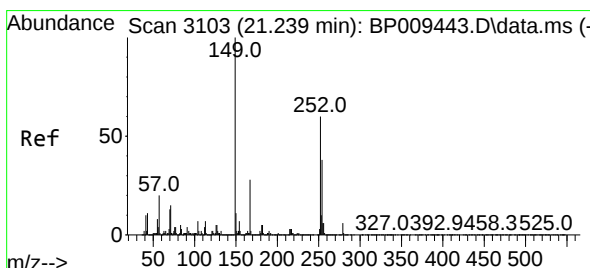
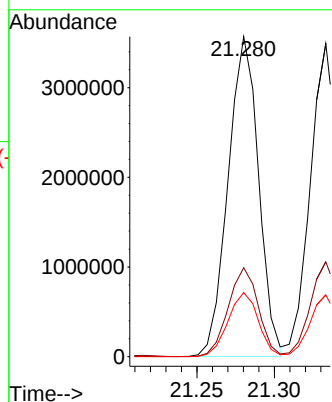
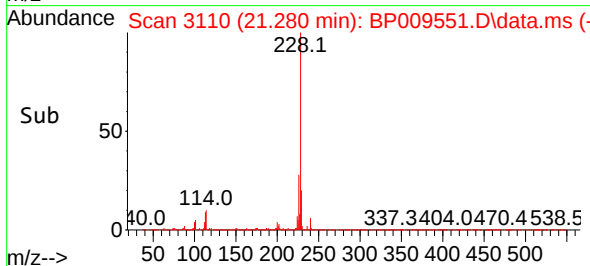
Instrument :
BNA_P
ClientSampleId :
PB143541BS



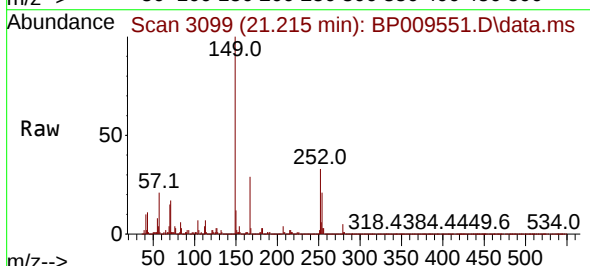
Tgt Ion:228 Resp: 4873424
Ion Ratio Lower Upper
228 100
226 27.8 22.0 33.0
229 20.1 16.1 24.1

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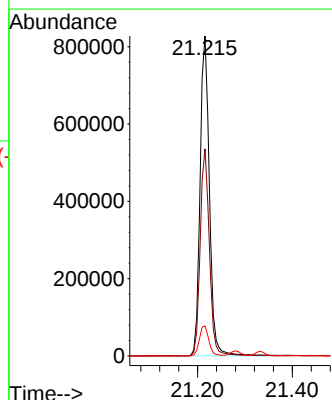
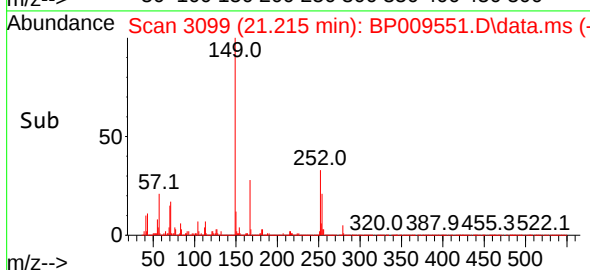
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022

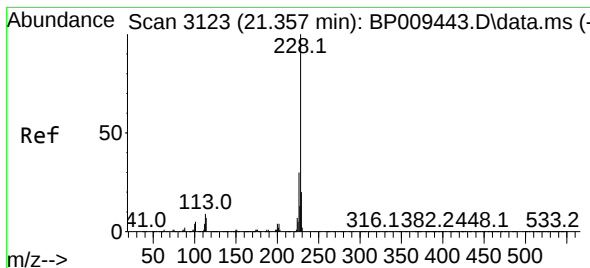


#82
3,3'-Dichlorobenzidine
Concen: 28.281 ng
RT: 21.215 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



Tgt Ion:252 Resp: 1127728
Ion Ratio Lower Upper
252 100
254 64.8 50.7 76.1
126 9.4 8.9 13.3





#83

Chrysene

Concen: 46.292 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

Instrument :

BNA_P

ClientSampleId :

PB143541BS

Tgt Ion:228 Resp: 452456

Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

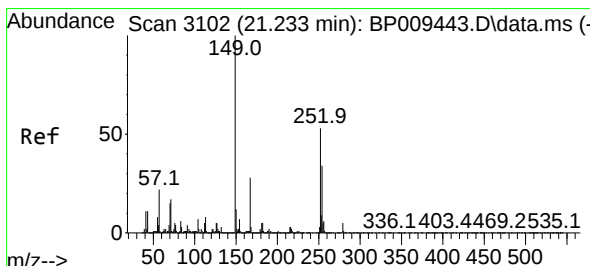
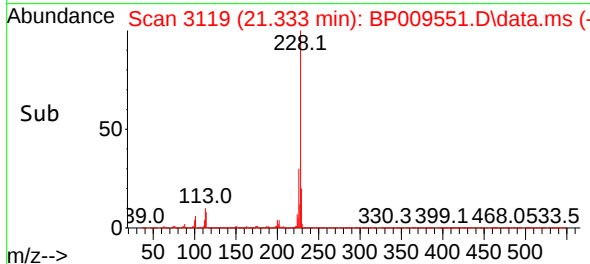
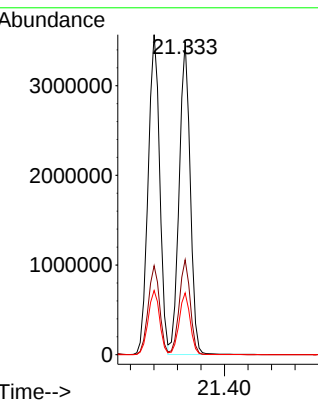
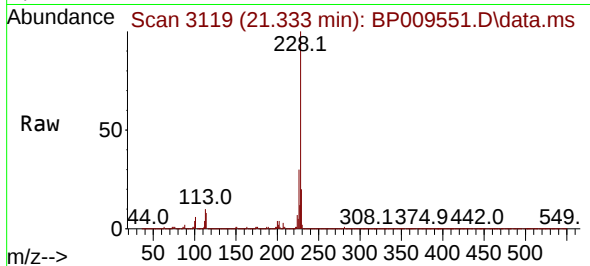
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/28/2022

Supervised By :Jagrut Upadhyay 03/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.091 ng

RT: 21.215 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BP009551.D

Acq: 25 Mar 2022 14:20

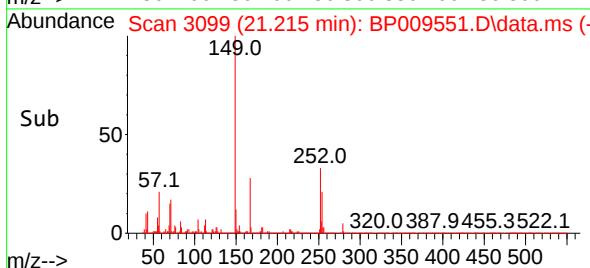
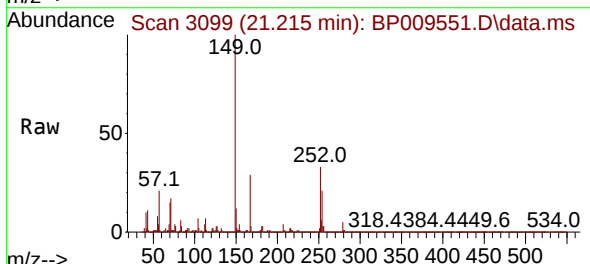
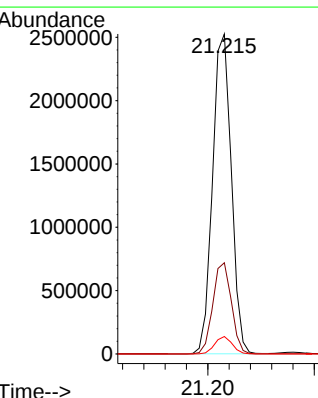
Tgt Ion:149 Resp: 3072333

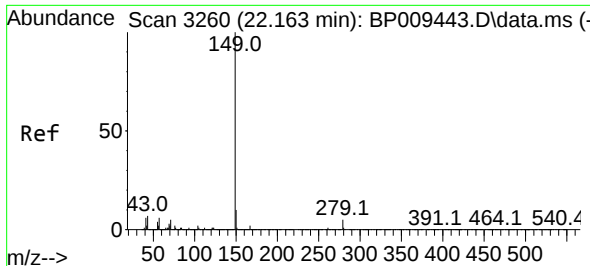
Ion Ratio Lower Upper

149 100

167 28.5 22.6 33.8

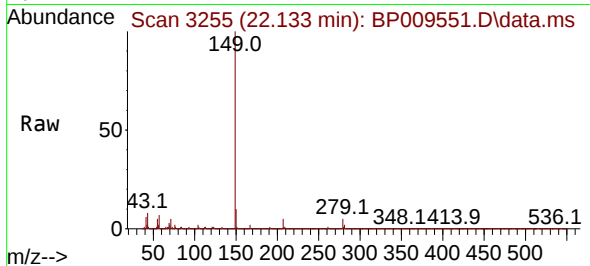
279 5.5 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 44.894 ng
RT: 22.133 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

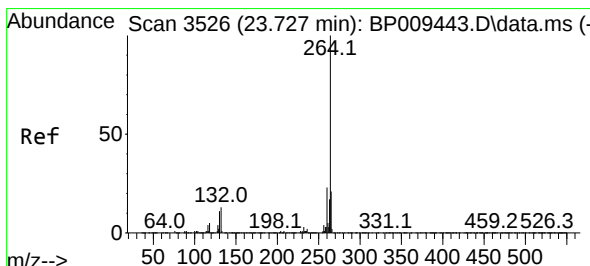
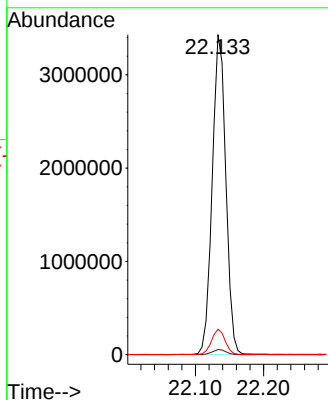
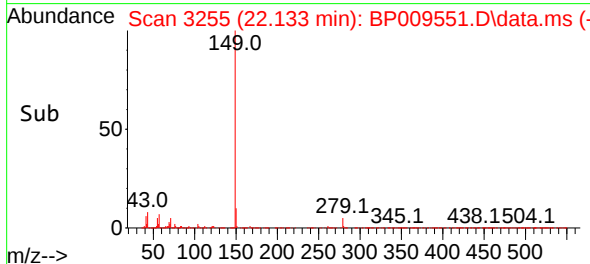
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:149 Resp: 4746280
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.9 6.9 10.3

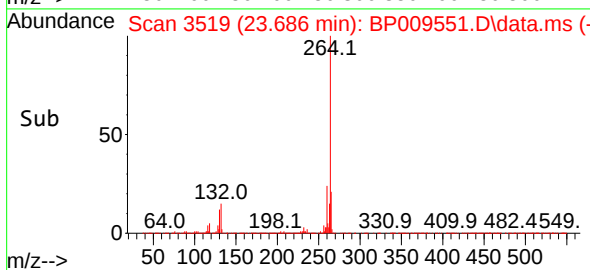
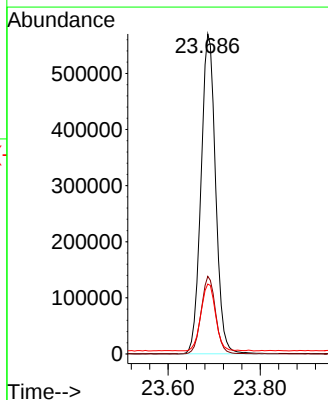
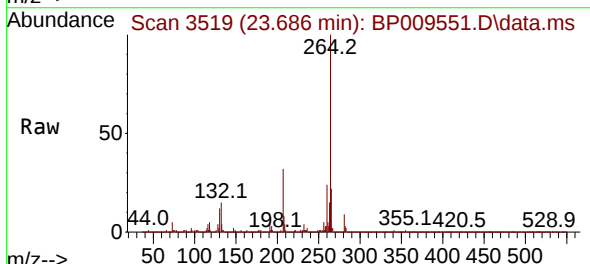
Manual Integrations
APPROVED

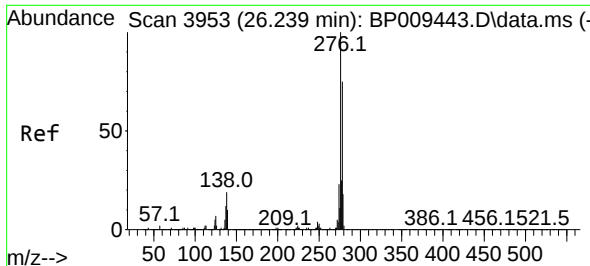
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.686 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

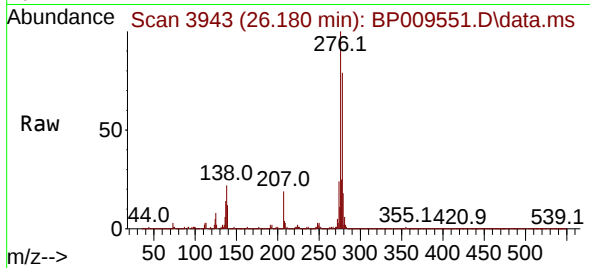
Tgt Ion:264 Resp: 1258974
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.0
265 21.9 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.276 ng
RT: 26.180 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

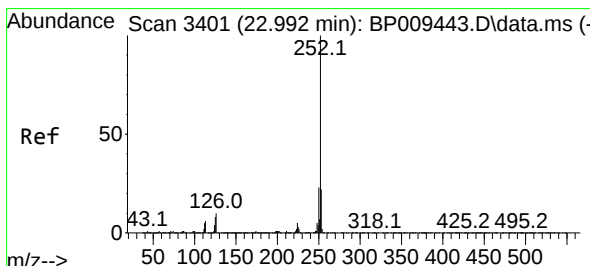
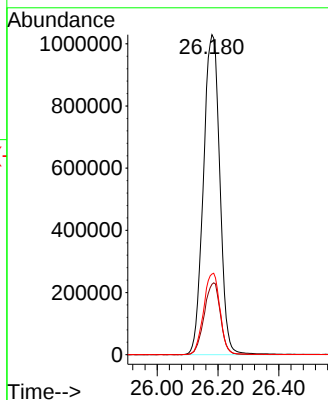
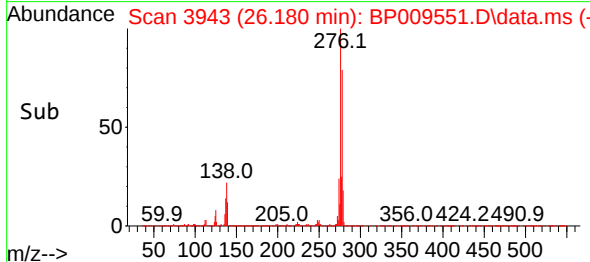
Instrument :
BNA_P
ClientSampleId :
PB143541BS



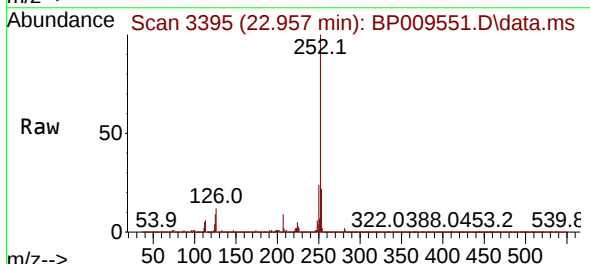
Tgt Ion:276 Resp: 3846949
Ion Ratio Lower Upper
276 100
138 22.2 20.5 30.7
277 25.4 20.4 30.6

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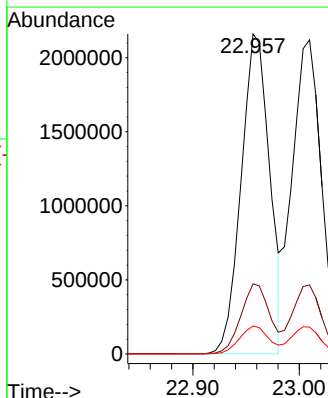
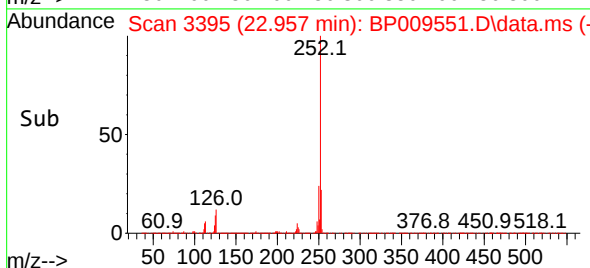
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#88
Benzo(b)fluoranthene
Concen: 53.447 ng
RT: 22.957 min Scan# 3395
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



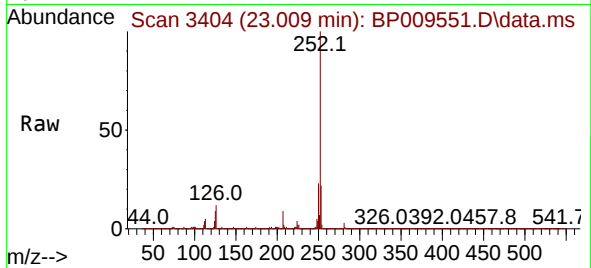
Tgt Ion:252 Resp: 4016944
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 8.8 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 55.232 ng
RT: 23.009 min Scan# 3409
Delta R.T. -0.000 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

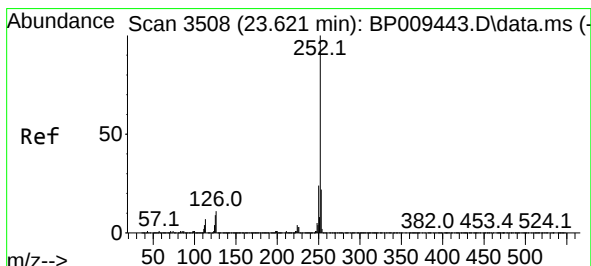
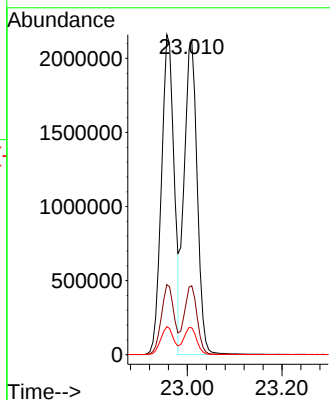
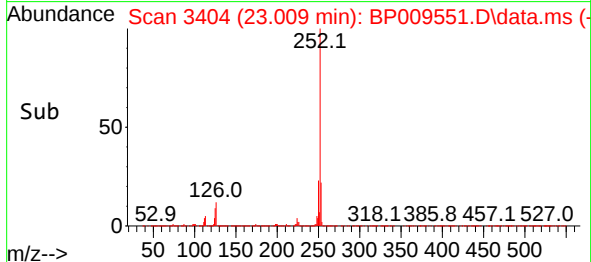
Instrument :
BNA_P
ClientSampleId :
PB143541BS



Tgt Ion:252 Resp: 406431
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.6 8.3 12.5

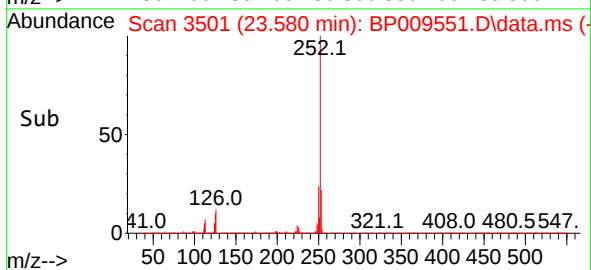
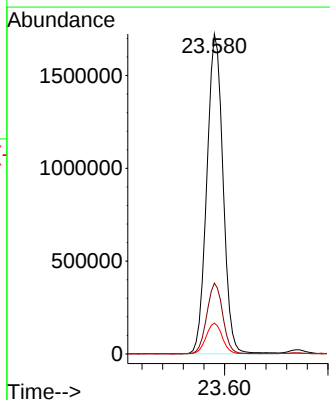
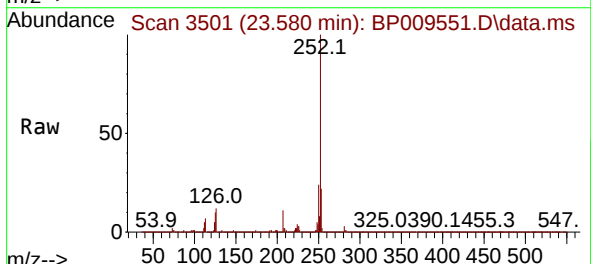
Manual Integrations
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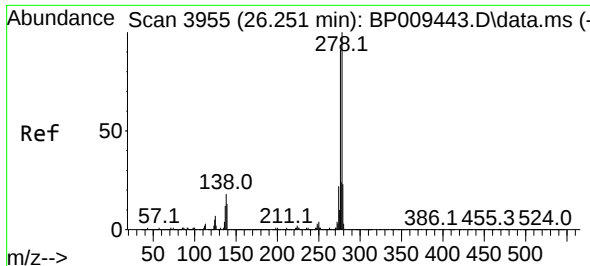
Reviewed By :Christian Giraldo 03/28/2022
Supervised By :Jagrut Upadhyay 03/28/2022



#90
Benzo(a)pyrene
Concen: 58.176 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

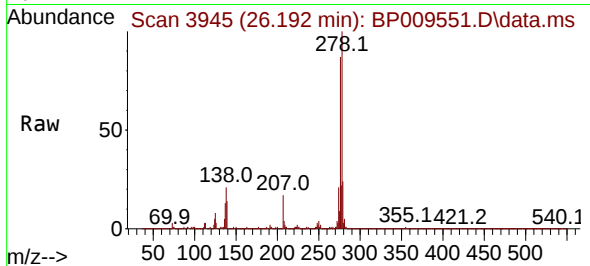
Tgt Ion:252 Resp: 3740865
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 9.6 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 42.487 ng
RT: 26.192 min Scan# 3955
Delta R.T. -0.018 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20

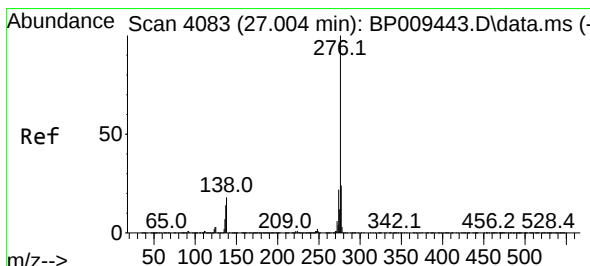
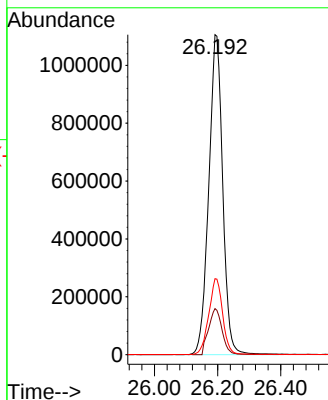
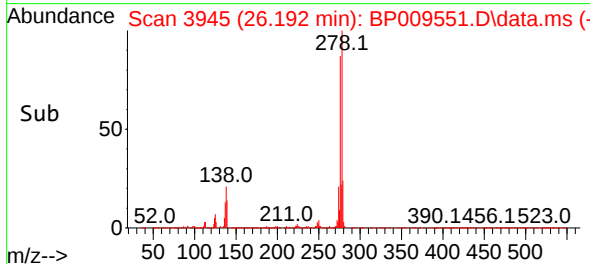
Instrument :
BNA_P
ClientSampleId :
PB143541BS



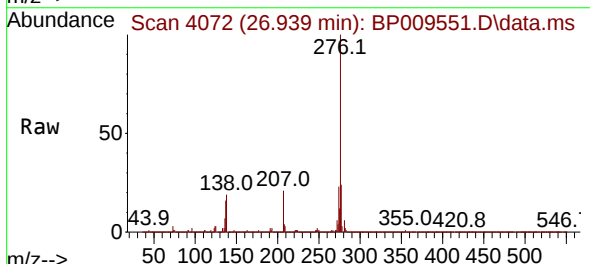
Tgt Ion: 278 Resp: 3382154
Ion Ratio Lower Upper
278 100
139 14.4 13.2 19.8
279 23.8 19.2 28.8

Manual Integrations
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Reviewed By : Christian Giraldo 03/28/2022
Supervised By : Jagrut Upadhyay 03/28/2022



#92
Benzo(g,h,i)perylene
Concen: 42.607 ng
RT: 26.939 min Scan# 4072
Delta R.T. -0.012 min
Lab File: BP009551.D
Acq: 25 Mar 2022 14:20



Tgt Ion: 276 Resp: 3336640
Ion Ratio Lower Upper
276 100
277 23.6 19.2 28.8
138 19.0 18.0 27.0

